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# CHRYSANTHEMUMS



CHARLES H. TOTTY  
MADISON N.J.

# SEASON, 1916



HIS is the thirteenth issue of our Annual Catalogue and is sent out with every confidence that the varieties listed will be found the best in their respective types.

## *Chrysanthemums*

The two Novelty Chrysanthemums, Yellow Wm. Turner and Wm. Rigby, the yellow sport of Mrs. Drabble, will more than uphold our reputation of the past.

In Single Chrysanthemums, Excelsior and others of the 1915 introductions raised the standard of this type immensely. The Novelties in Singles this year include Mrs. E. H. Wells, Ernest Westlake and Mrs. C. Mickle, and they set the standard for Singles still farther ahead.

## *Roses*

We are distributing two fine forcing Roses, both Dickson seedlings—Gorgeous and the Rose named "Cleveland" by popular ballot at the great Cleveland Exhibition.

## *Look Over Dickson's Garden Novelties For 1916*

Prince Charming is the most beautifully colored Rose ever seen.

Our international connection gives us a unique opportunity to give our customers the best from all countries:

Wm. Wells & Co., Merstham, Surrey, England;

Thos. Malvern, East Malvern, Victoria, Australia;

Aug. Nonin, Rue de Chatillon, Paris, France;

Hugh Dickson, Ltd., Royal Nurseries, Belfast, Ireland;

are our representatives and all will be delighted to greet any customers of the "House of Totty" at any time.

## *Come And See Us—You Are Always Welcome*

We are located at Madison, New Jersey, on the D. L. & W. Railroad, about one hour's ride from New York. We will endeavor to make your visit a pleasant and profitable one.

**CHARLES H. TOTTY**  
**MADISON, N. J.**



ORDER SHEET

**CHARLES H. TOTTY**

**Madison, N. J.**

Date ..... Forward by (State Express) .....

PLEASE DO NOT WRITE HERE

Name .....

Gardener .....

Street, P. O. Box or  
Rural Delivery .....

Post Office .....

Express (If different  
from P. O.) .....

County ..... State .....

**AMOUNT ENCLOSED**

State whether P. O. Order  
Express Money Order, Draft,  
Postage Stamps or Cash

\$ .....

Quantity  
Wanted

Articles Wanted

Price

Amount



# Chrysanthemum

## White Wells' Late Pink

Syn., MISS ELVIA SCOVILLE



THIS excellent commercial variety, which is a sport of Wells' Late Pink, is identical in every respect, as regards growth and size, with the parent. It has the same splendid habit that has made the Wells' Late Pink one of the most profitable varieties to grow, but the color, instead of being pink, is the purest glistening white.

The flowers brought a fancy price in the market from the first week in November until Thanksgiving and we feel safe in saying that White Wells' Late Pink will pay better than any other white now on the market as a fancy commercial variety. Every bloom lines up in the "big flower" class, without the loss from culls and deformed buds, that pulls down the average of so many varieties, when judged purely from a "dollar and cent" standpoint.

We have a large stock and are in a position to quote early delivery.

### ROOTED CUTTINGS

Price: \$20.00 per 100      \$175.00 per 1000

25 at hundred rate

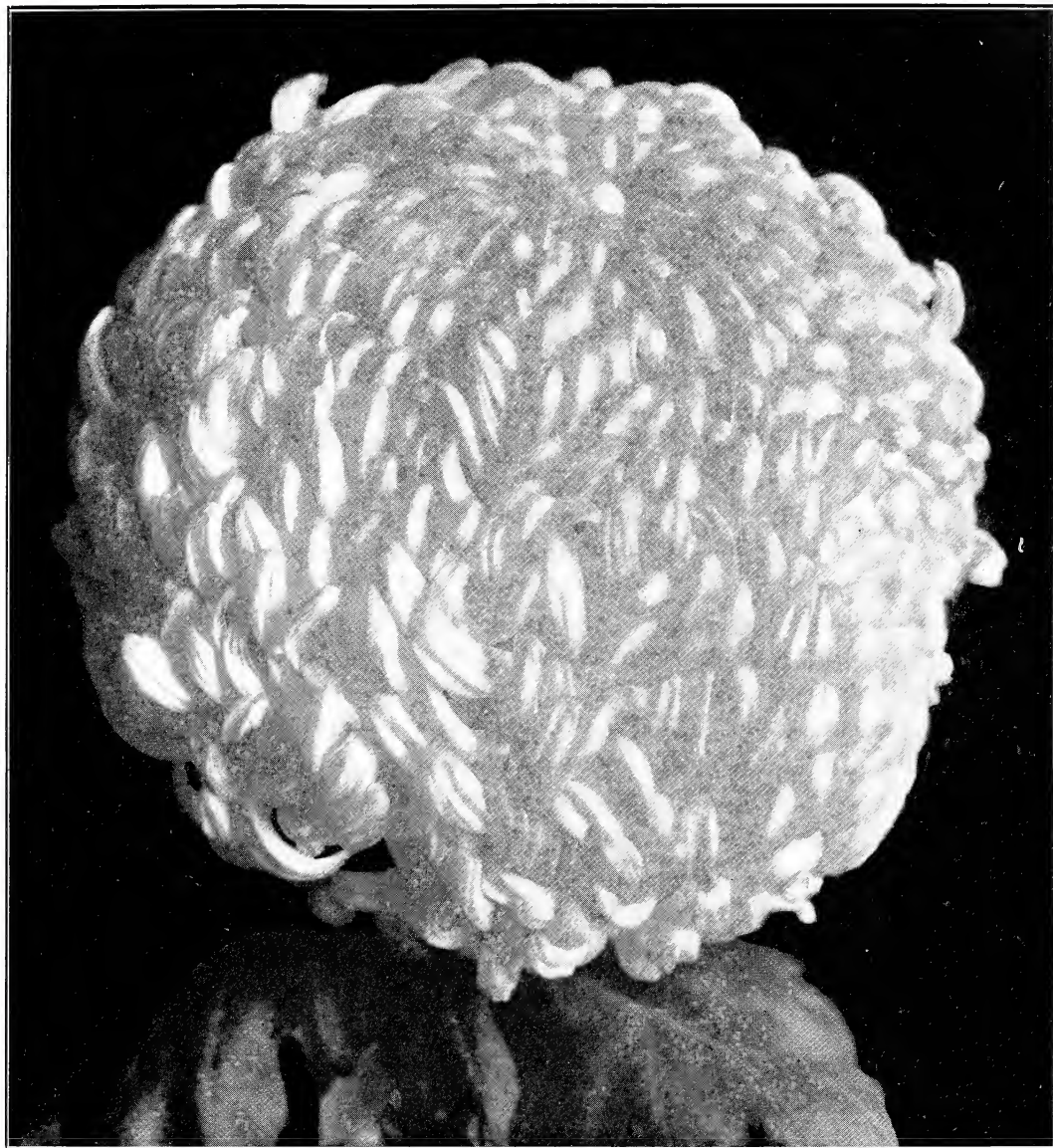
250 at thousand rate

CHAS. H. TOTTY  
MADISON, N. J.



TOTTY'S 'MUMS, MADISON, NEW JERSEY

## *The Wells-Pockett-Totty Novelties for 1916*



YELLOW WILLIAM TURNER

### *Yellow William Turner*

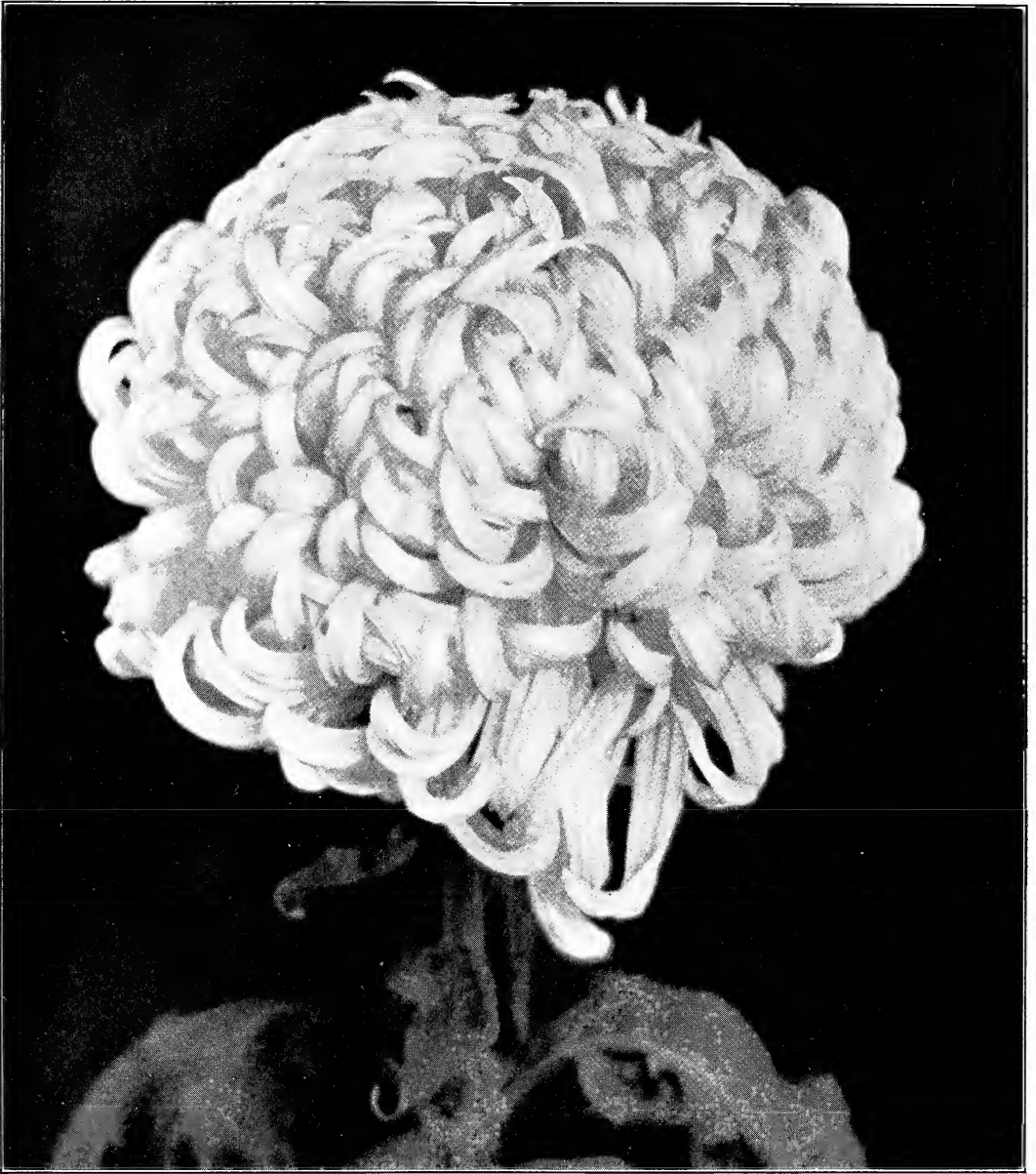
Exhibitors have many times said: "If I only had a Yellow Turner as a companion for the White!" The Yellow Turner has arrived, and it is a pleasure to us, since we introduced the White, to be the distributors of the Yellow variety. It is identical in every respect with the parent, Wm. Turner, except color, and no further eulogy is necessary.

Price: \$2.00 per plant, \$20.00 per doz.



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**TOTTY'S 'MUMS, MADISON, NEW JERSEY**  
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*THE WELLS-POCKETT-TOTTY NOVELTIES FOR 1916—Continued*



MORRIS KINNEY

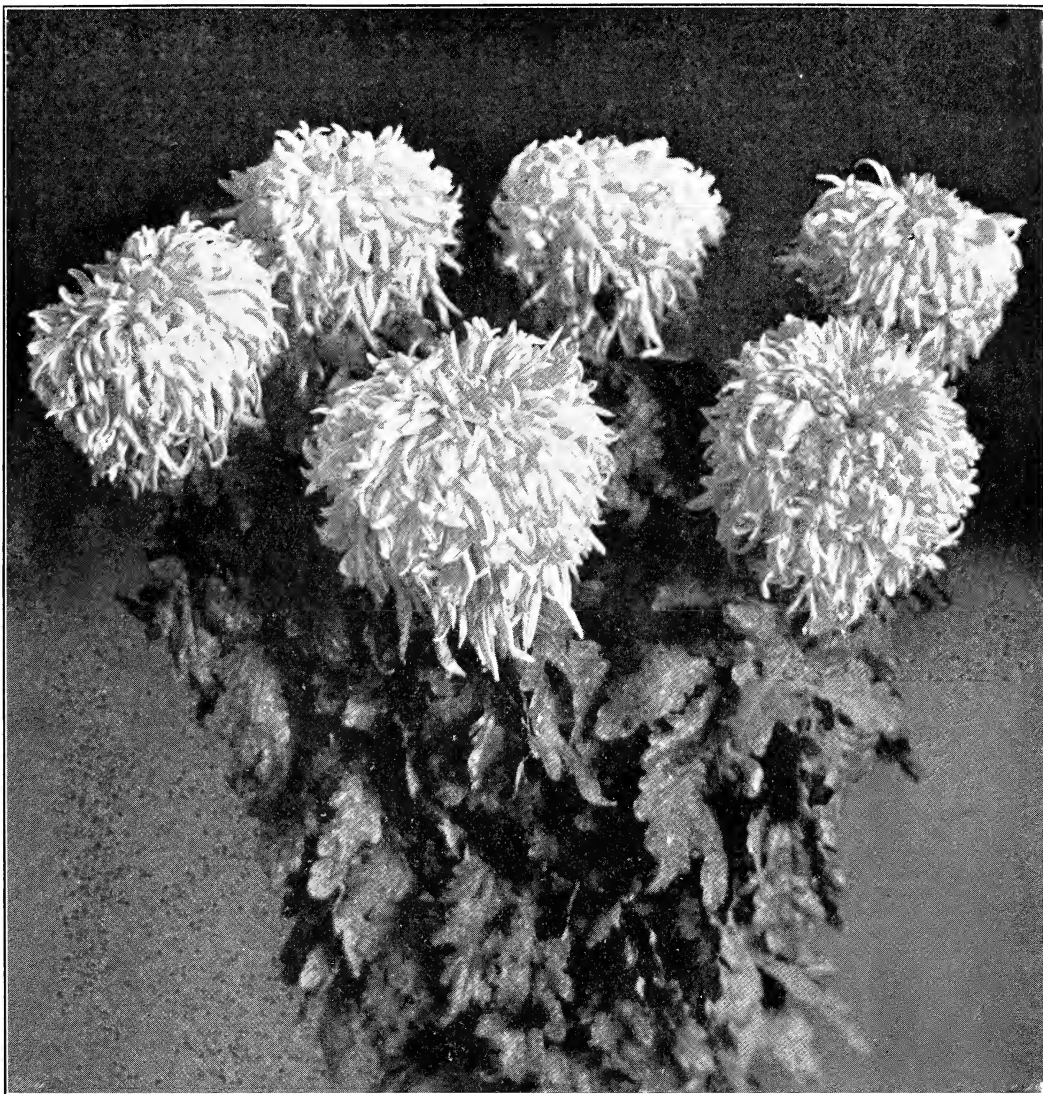
***Morris Kinney***

Beautiful and refined incurving white, on the lines of Wm. Turner, but a week to ten days earlier; stem and foliage ideal, and we feel sure it will find a place in every exhibition and also the commercial ranks. Height 5 feet. Crown bud, August 20th.

**Price: \$2.00 per plant, \$20.00 per doz.**

✦ ————— ✦  
**TOTTY'S 'MUMS, MADISON, NEW JERSEY**  
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*THE WELLS-POCKETT-TOTTY NOVELTIES FOR 1916—Continued*



MRS. J. GIBSON

***Mrs. J. Gibson***

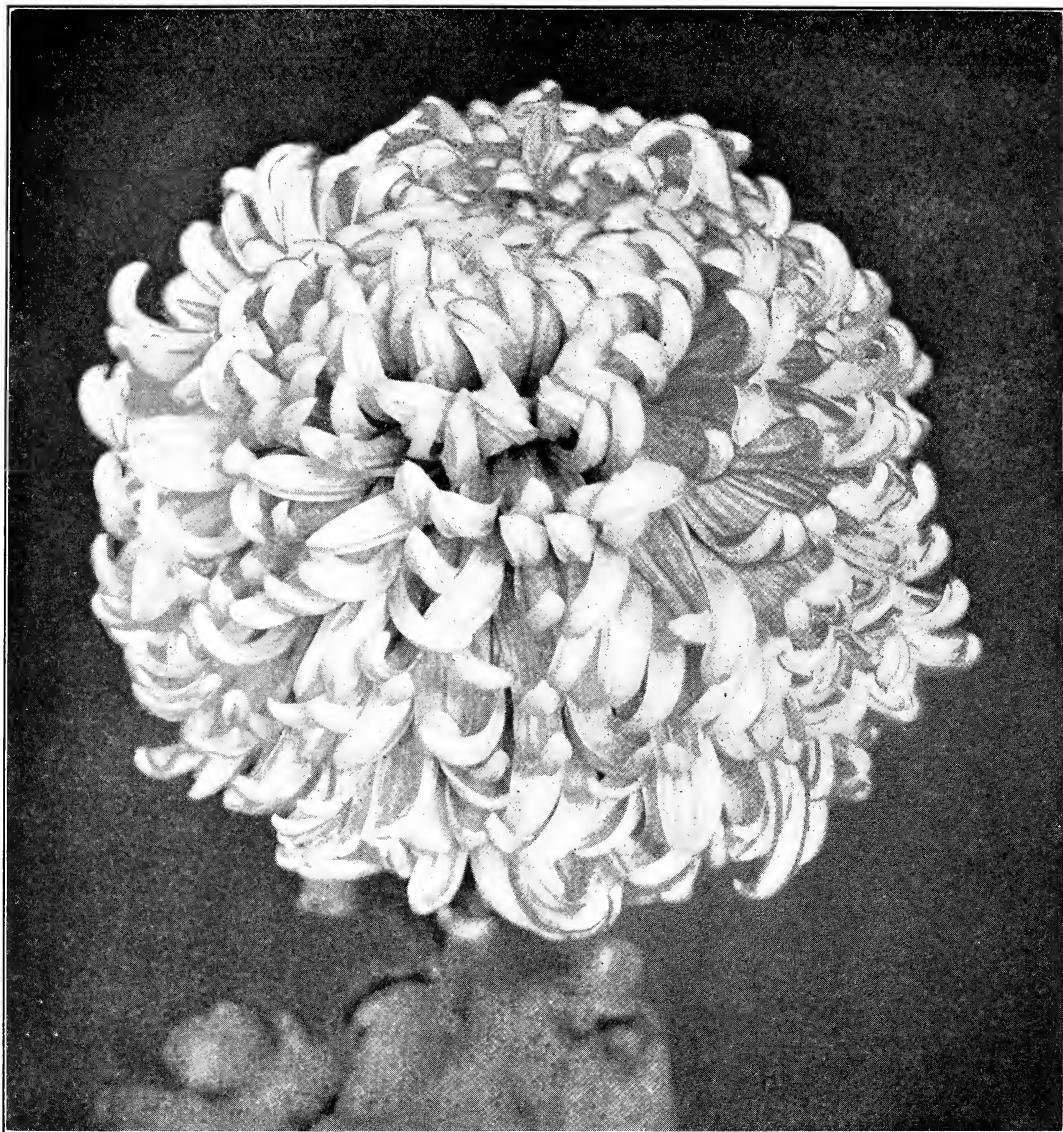
A phenomenal variety. Enormous alike in stem, foliage and flower; color light pink, shading to deeper pink lines on ends of petals. We exhibited this variety 10½ inches deep and 10 inches across. Certificated, C. S. A. and scored 89 points. Height 4½ feet. Bud as soon as possible after August 1st.

**Price: \$2.00 per plant, \$20.00 per doz.**



TOTTY'S 'MUMS, MADISON, NEW JERSEY

THE WELLS-POCKETT-TOTTY NOVELTIES FOR 1916—Continued



WM. RIGBY

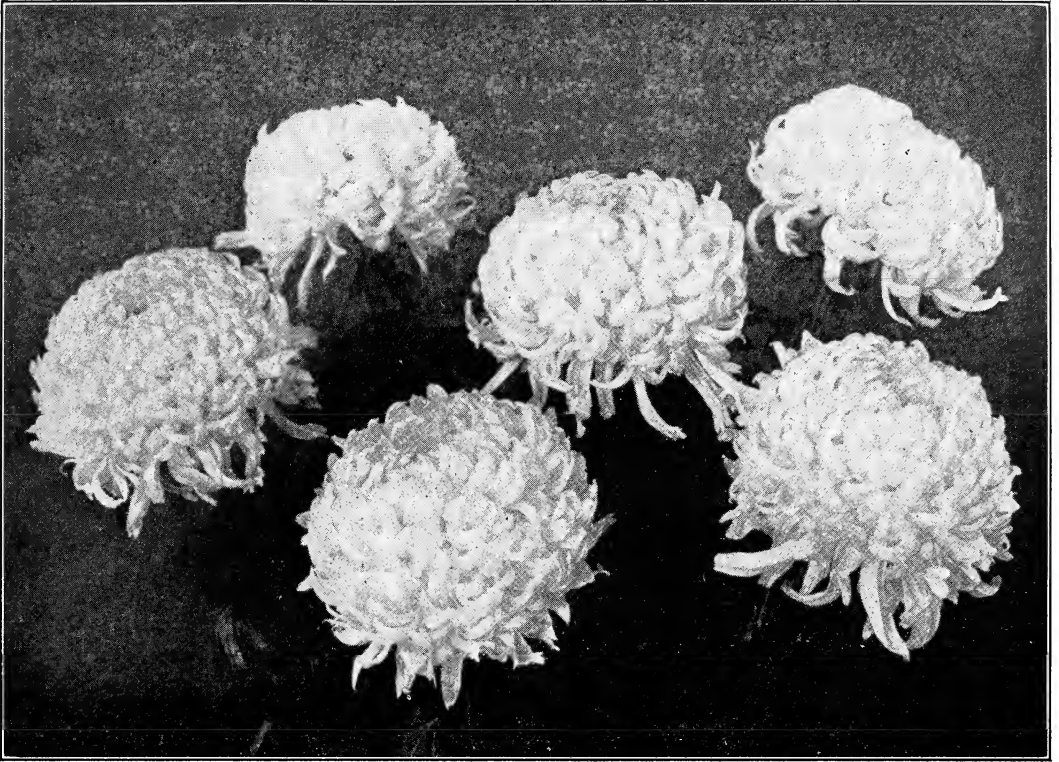
***Wm. Rigby***

(The yellow sport of Mrs. Gilbert Drabble)

This was the largest variety exhibited at the shows in 1915; color beautiful bright canary yellow. Lower petals of this variety are  $1\frac{1}{2}$  inches in width. While we have considerable stock on hand of this variety, it roots very poorly and orders will be filled in strict rotation, so would advise ordering early. Exact duplicate of Mrs. Gilbert Drabble, excepting in color. First prize for largest bloom at the Cleveland Flower Show.

Price: \$2.00 per plant, \$20.00 per doz.

*THE WELLS-POCKETT-TOTTY NOVELTIES FOR 1916—Continued*



ALICE DAY

## *Alice Day*

An ideal commercial variety flowering Oct. 10 to 20. Certificated in New York and Philadelphia on the commercial scale, scoring 87 and 89, respectively; color purest possible white, with no poor buds; medium sized foliage, which permits of rather close planting. One of the most perfectly formed varieties ever introduced.

**Price: \$1.00 per plant, \$9.00 per doz.**



✦ ————— ✦  
**TOTTY'S 'MUMS, MADISON, NEW JERSEY**  
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*THE WELLS-POCKET-TOTTY NOVELTIES FOR 1916—Continued*



AUTOCRAT

## ***Autocrat***

A commercial variety of great promise. Color snow white; growth dwarf and robust. We offer this variety as a late white, believing it will take its place with growers who are unable to handle Jeanne Nonin, as it can be gotten for Thanksgiving or Christmas, if desired; every bud forms a perfect flower. Certificated C. S. A., Cleveland, November 10th.

We have a large stock of this variety and can quote a very reasonable price on same.

**Price: \$2.00 per doz., \$15.00 per 100, \$125.00 per 1000.**

## *E. M. Benson*

Bright yellow in color, dwarf in habit, with splendid stem and foliage; ready to cut Oct. 10th, coming in before Chrysolora and is a splendid variety in every way.

## *Miss Elvia Scoville*

(*White Sport of Wells' Late Pink*)

The year 1915 was prolific in sports, and this variety, which is a sport of Wells' Late Pink, must be classed as one of the best. The parent is so well known that no further description is necessary, as it resembles Wells' Late Pink in every way except color, which is of the clearest white.

Prices: 50c. per plant, \$5.00 per doz.

## *Blush Pattie*

Blush white sport of the splendid pink commercial variety, Pattie, the most popular variety ever grown. Color blush pink which ultimately fades pure white. Many growers who have found Pattie a profitable variety will find this sport equally valuable in its color.

Price: \$1.50 per doz., \$12.00 per 100, \$100.00 per 1000.

## *Autumn Splendor*

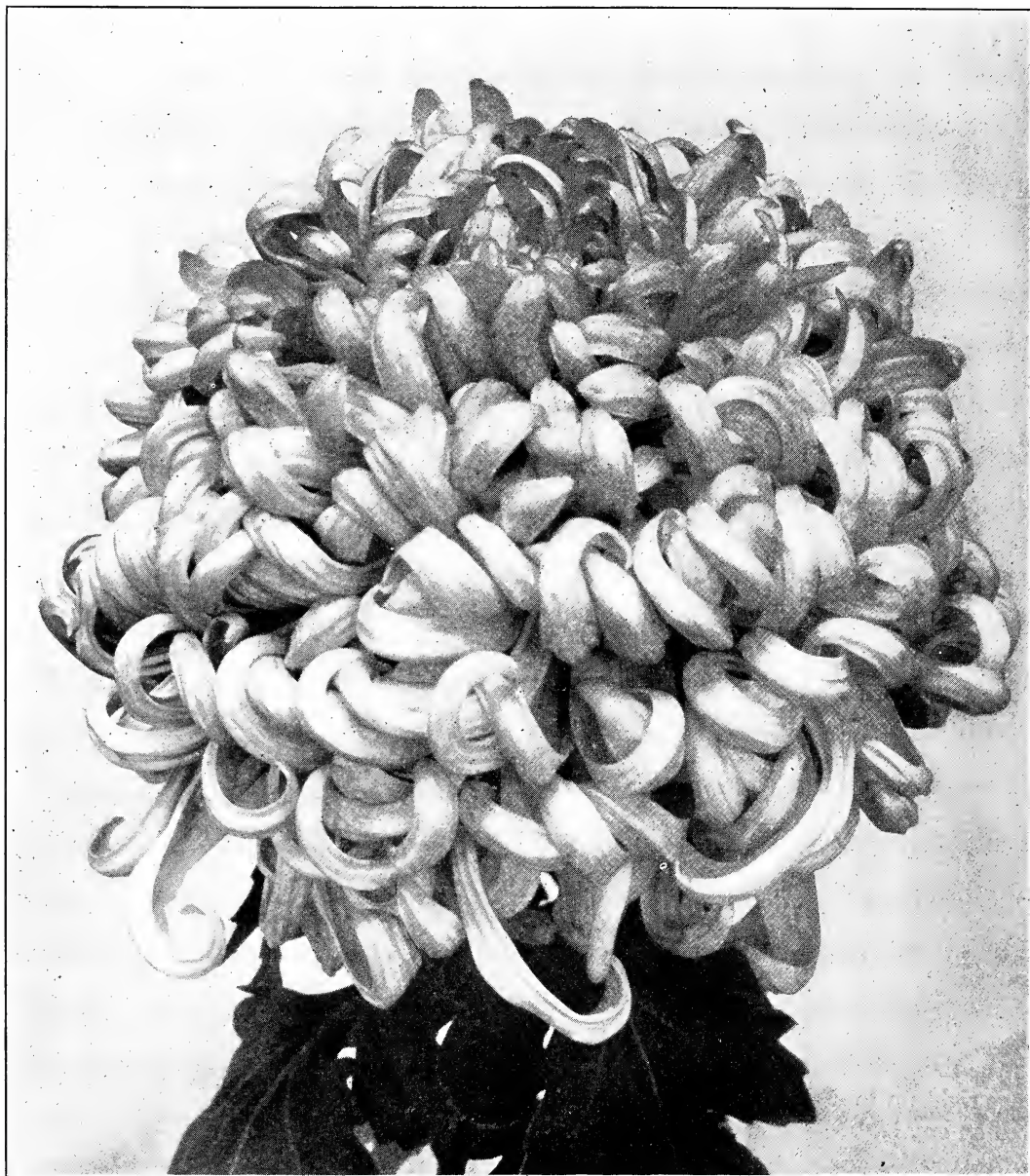
(*Scott*)

A seedling from Mary Farnsworth. The color is a golden pink, or "Autumn tints," as the name implies. The flowers are large and full; the stem is rigid, with fine leathery foliage right up to the flower. A fine decorative or exhibition sort and an easy doer. Does well on any bud.

Price: 75c. each, \$7.50 per doz.

I can also supply any novelties of other  
introducers at regular introductory prices





A. S. BALDWIN

## ***Introductions of 1915***

Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100.

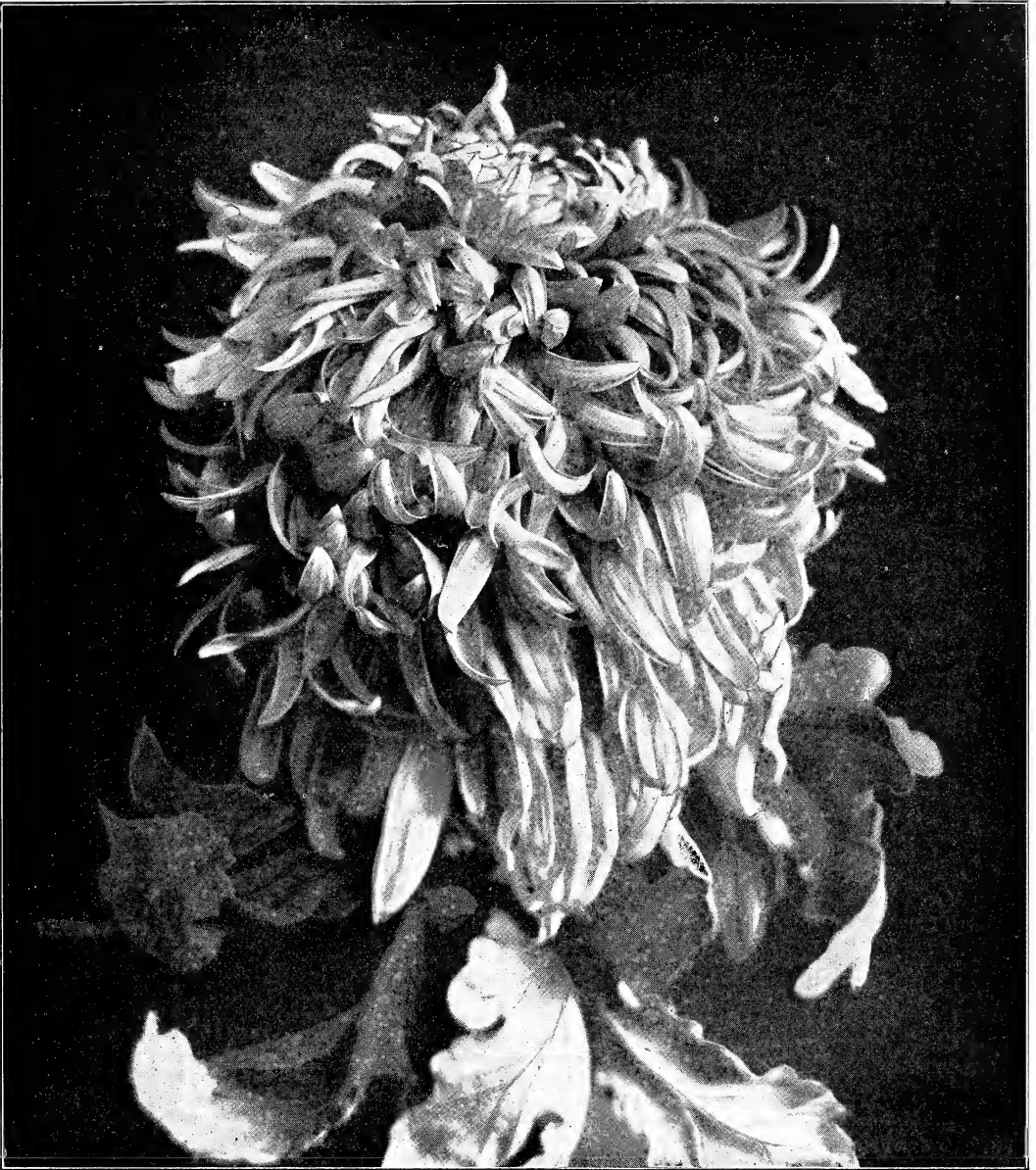
A. S. BALDWIN

A commercial yellow of the highest grade; this is another absolutely reliable kind that will give all perfect flowers. Holds its foliage splendidly and carries same right up to the flower. Baldwin is sure to rank as a staple yellow when generally introduced. Bud August 20th.



TOTTY'S 'MUMS, MADISON, NEW JERSEY

*INTRODUCTIONS OF 1915—Continued*



BOB PULLING

**BOB PULLING**

In this variety we have a wonderful 'Mum. Color pure yellow; flower is extremely large and comes right down to the foliage; the individual petals are an inch and a half in width and some ten inches deep. Has proved itself to be the finest thing in yellow we have ever imported. Bud August 1st.

**Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100.**

## TOTTY'S 'MUMS, MADISON, NEW JERSEY

### INTRODUCTIONS OF 1915—Continued

Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100.

#### MRS. A. S. WATT

A sport of Wm. Turner, identical in every respect, stem, foliage and color, the only difference being that the petals reflex instead of incurving as in the case of Turner. Has the same wonderful keeping habit and freedom of growth, and should, on its parent's record, become wonderfully popular. Bud August 25th or later.

#### ANTIGONE

This is a wonderful flower of purest white, which has been certificated by the Chrysanthemum Society in New York, Boston and Philadelphia. It is an absolutely reliable variety, every flower coming good, and we cannot too strongly recommend it as a commercial bloom to come in from October 1st to November 1st, depending on when the bud is taken. Dwarf, sturdy growth, 3 feet high; any bud.

#### ADELE GRISWOLD

An enormous flower of bright pink, which carries the foliage well up the stem, and will rank as one of the largest varieties ever distributed. Height 5 feet. Bud August 20th.

#### EARL KITCHENER

SYN. "UNDAUNTED"

Amaranth, with a silvery reverse. An enormous flower in a color not too plentiful in exhibition 'Mums at the present time. Stem, foliage and flower are alike tremendous. There will never be any question about weak neck or poor foliage with this variety. Bud August 20th.

#### GENERAL SMITH DORIEN

Old rosy red, with chestnut shadings. Rather tall, but the flower is beautiful in color.

#### JOAN STRATTON

Beautiful shade of pearl pink; very large, reflexed florets, broad and of excellent substance.

#### MISS MAY FOX

Pure white, with long, drooping petals; very tall grower, but a handsome variety.

#### MISS LELIA M. BENNET

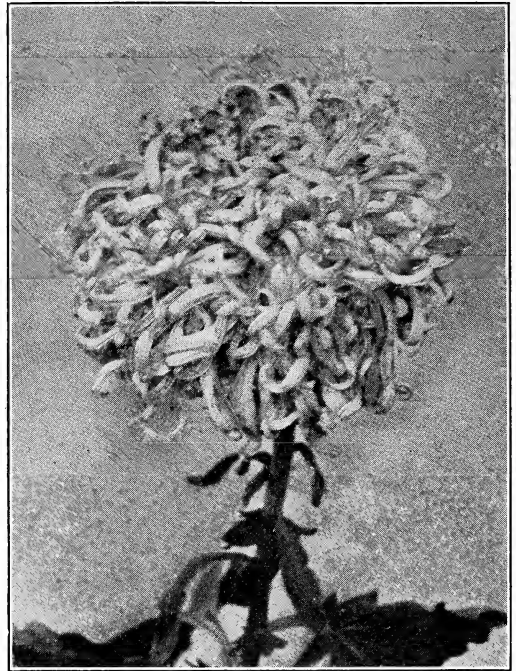
Crimson; very large, distinct variety; stiff stem and beautiful foliage.

#### MRS. T. STEVENSON

Deep yellow, with bronzy red shadings. Splendid grower and perfect in habit.

#### MASTER REX

Amber, tinted with gold; grows rather tall, but is a magnificent variety in its color.



WOODSIDE

#### MRS. J. PURROY MITCHEL

Named in honor of the wife of the Mayor of New York. The color is of the purest snow; the same as the old Mrs. Weeks. The flower is enormous in size, reflexing in character and unquestionably, on account of its great purity, will another year loom up probably as the leader in white.

#### MRS. L. J. REUTER

A beautiful, high-class bloom of purest white; petals reflex and twist, making a handsome, artistic flower; habit of growth all that can be desired, and foliage A 1.

#### MRS. R. C. PULLING

Clear yellow; an English variety, tremendous in size, which has made a wonderful showing in some of the exhibitions. Height 5½ feet. Crown bud August 10th and later.

#### WOODSIDE

An enormous yellow, somewhat on the style of Daily Mail, but a much deeper color and broader petal. We have every confidence in its proving itself a first-class, reliable sort. Crown bud after August 15th.

#### WM. TRAFFORD

Amber, shaded salmon. Foliage very deeply cut and one of the most distinct varieties.

One each of any twelve of the above varieties: \$5.50.



TOTTY'S 'MUMS, MADISON, NEW JERSEY

*INTRODUCTIONS OF 1915—Continued*



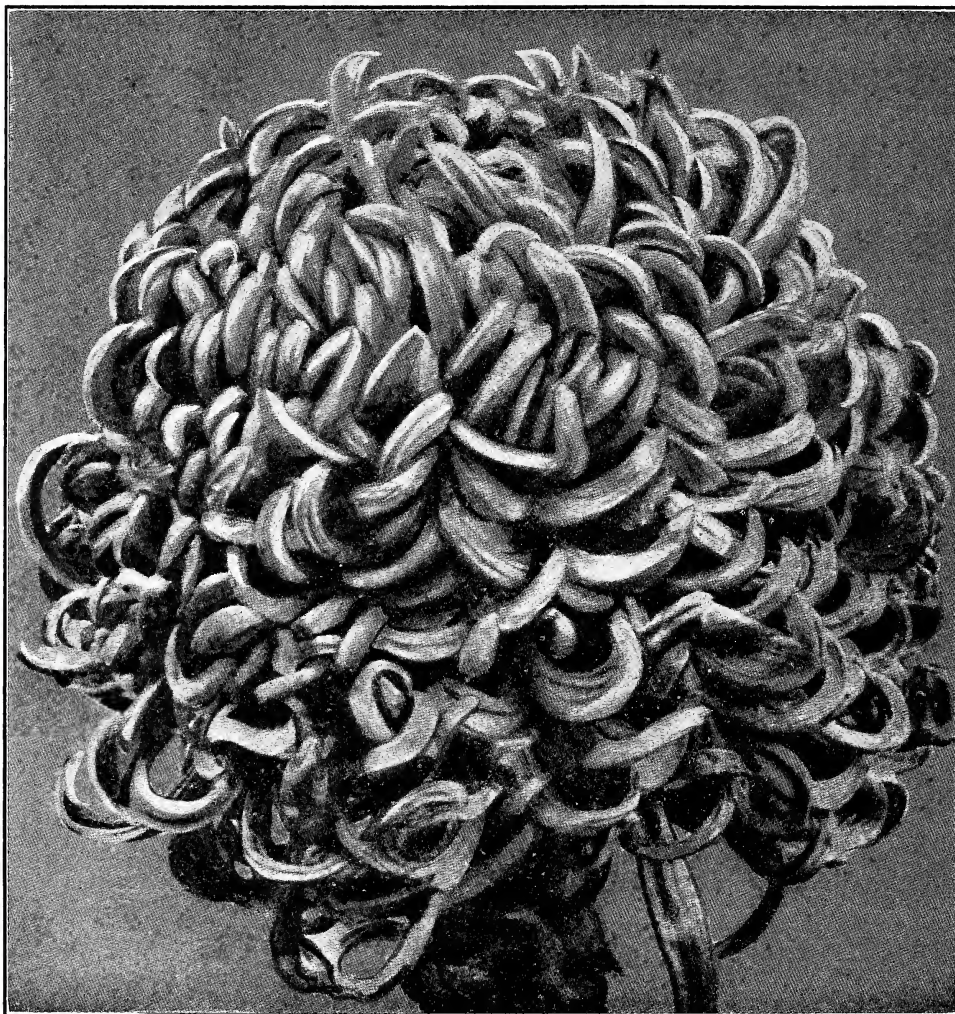
MRS. G. G. MASON

**MRS. G. G. MASON**

Very distinct variety; color blood red, with a gold reverse, though very, very little of the gold reverse appears. Its marvelous color will make it eagerly sought for in making collections. Height five feet. Crown bud August 20th. We were not able to fill all orders last year, but are now in position to supply satisfactory stock

**Price: \$1.00 per plant, \$9.00 per doz.**





DAILY MAIL

## *Introductions of 1914*

Price: 20c. per plant, \$2.00 per doz., \$15.00 per 100.

### **DAILY MAIL**

Growth, foliage and flower are alike enormous. Color is a deep, buttery yellow. Tall grower, 7 feet. We suggest May cuttings and June planting to grow this variety to the best perfection. Bud August 20th or later.

### **GARNET GEM**

This we consider the best early red, coming in about October 20th. It does not burn, like so many other varieties of this color.

### **HIS MAJESTY**

A splendid crimson, very heavy grower; stiff stem and perfect foliage.

### **JAMES FRASER**

Aptly termed "The Improved F. S. Vallis." Color is a deep canary yellow; flower is as large as the old F. S. Vallis at its best, and stem is absolutely rigid with foliage right up to the flower. We recommend this variety as being the largest and best in its type at the present time. Crown bud August 1st onward.

### **NERISSA**

Bright, rosy mauve. Fine form and stiff, upright growth, with rigid stem.

### **ODESSA**

Bright yellow; incurving form. A seedling from Merza, but much cleaner in growth.



# TOTTY'S 'MUMS, MADISON, NEW JERSEY

INTRODUCTIONS OF 1914—Continued



MEUDON

## MRS. ERNEST WILD

Chestnut crimson, with a bronze reverse. One of the most reliable varieties we have ever disseminated. Does not damp a petal and seems to come equally well on any bud, early or late. Height 5 feet. Foliage droops on stem, which permits of close planting of this variety.

## MRS. PAUL MOORE

Certificated on both commercial and exhibition scales. Color magnificent light yellow; stem perfectly stiff and foliage right up to the flower. An absolutely reliable sort to handle. Any bud. Height 3 feet.

## MRS. G. LLOYD WIGG

Light yellow. One of the best varieties Mr. Pockett has ever sent out. Foliage right up to the flower and conforming in every respect to the ideal exhibition flower. Any bud after August 10th. Height 5 feet.

## MEUDON

An immense flower of bright pink; same shade as Morton's F. Plant. Habit of plant absolutely ideal. One of the strongest growers we have ever sent out. Dwarf grower, with beautiful foliage right up to the flower. Bud August 20th.

## WILLIAM VERT

Crimson, with every petal reflexing. Very easy variety to grow and one that will be popular with all the growers. Reverse of petal is bright gold, but practically every petal reflexes so the golden color is not seen.

## WHITE CHIEFTAIN

Pure white sport of the variety Chieftain; duplicate of the parent in all respects save color, which is a pure white. One of the most valuable commercial varieties in cultivation at the present time

One each of any ten of above varieties: \$1.75.



## Standard Varieties of Chrysanthemums

Price: 10c. per plant, \$1.00 per doz., \$6.00 per 100.

The following are the cream of the varieties distributed the past few years. We carry other varieties in stock to a limited extent, but consider them supplanted by the following list:

**Annie E. Angus.** A truly enormous flower; duplicate of the old Madam Carnot, though much stronger in growth.

**Alice Salomon.** Very fine incurving white; a splendid commercial variety.

**Antique.** A deep bronze sport of the favorite Dr. Enguehard. It is a duplicate of Enguehard in all respects save color. We recommend this variety to commercial growers where bronze varieties are popular. Treat similar to the parent in every way.

**C. H. Totty.** A glowing chestnut scarlet; flower, stem and foliage are alike enormous. One of the best all-around Chrysanthemums we have ever introduced to the American trade.

**Chieftain.** A beautiful, incurving pink of perfect shape. Certified in Boston, Philadelphia and Chicago. Perhaps the finest incurved pink commercial variety in cultivation today.

**Colonel Appleton.** At one time the most largely grown yellow in cultivation. It is too well known to need description.

**Clementine Touse.** A splendid early white, fully ready by October 10th. Do not take bud too soon before August 15th, as early crowns are apt to come bullheaded.

**Chrysolora.** This new variety can be briefly described as an early Col. D. Appleton, coming in 15 days earlier; is of larger size, stronger stem, not quite as tall, and in color is intermediate between this variety and Major Bonaffon. Best buds are those selected August 1st to 15th.

**Dr. Enguehard.** Very largely grown as a late commercial pink.

**Dolly Dimple.** Large, well formed, late yellow variety; strong grower, with good foliage.

**Elizabeth Seton.** Pure white seedling of the largest size, that should be able to hold its own in any company. Crown bud August 15th.

**Elberon.** Large Japanese incurved, similar to Louiseau Rousseau in type and color; strong grower; stiff stem, with foliage well up to bloom.

**F. S. Vallis.** Largest yellow in cultivation and indispensable for use in short vase classes.

**Francis Jolliffe.** Always a winning yellow.

**Gertrude Peers.** Very beautiful crimson, which never burns, and shows the crimson color clear through, having no golden reverse. Beautiful, high-class variety.

**Glory of the Pacific.** Fine, early pink; dwarf grower; bud around August 20th.

**Golden Glow.** Bright yellow. Can be had in flower almost all the year.

**Harry E. Converse.** A chestnut crimson, with a bronze reverse. By the time the flower is finished it makes a perfect ball of fine bronze. This variety has proved itself much the largest thing in its color and is a splendid exhibition bloom in every way.

**Harvard.** Japanese reflexed, very dark crimson; in perfection November 15th and later.

**Hortus Tolosanus.** This is a variety renamed and distributed last year as "Greystone." The color is old gold, shaded reddish bronze. The habit of the plant is ideal, whether grown as a pot plant or single flower.

**Hon. Mrs. Lopes.** Large, golden yellow. Taken on a crown bud about August 10th, it produces a very handsome flower.

**Jeanne Nonin.** A splendid late, commercial white. If last bud is taken about October 1st, blooms can be had in perfect condition for Christmas.



CHIEFTAIN

## TOTTY'S 'MUMS, MADISON, NEW JERSEY

### STANDARD VARIETIES OF CHRYSANTHEMUMS—Continued

- Lady Hopetoun.** Generally captures the prize for largest flower in the show. It is slightly weak in the neck, otherwise would be the finest of all pinks.
- Lenox.** Lovely, incurving, bright yellow; very large flower.
- Lynnwood Hall.** Pure white. One of the largest in size; perfectly incurved. Ready to cut out November 15th.
- Mary Mason.** Gigantic, bronzy red; one of the handsomest varieties and easiest doers in cultivation.
- Maud Dean.** Late pink; a good commercial variety.
- Merry Jane.** Well formed, yellow. Splendid stem and foliage. Ready about November 7th.
- Major Bonnaffon.** Yellow; very largely grown. Is a commercial variety.
- Monrovia.** Very largely grown as an early yellow, coming in from September 20th to October 15th, and giving general satisfaction.
- M. Louiseau Rousseau.** Enormous, incurved pink, grand foliage, perfect stem; one of the finest of its type for exhibition.
- Miss M. Hankey.** Late pink; splendid grower. One of the finest exhibition varieties sent out.
- Miss Clara Banghart.** Most quickly described as an improved Mrs. R. Luxford, one of the very strongest growers; chestnut red in color.
- Miss Hazel Deforest.** Early bud on this variety produces a large flower of buff terra cotta color, but late buds produce splendid flowers of wine red; perfect in shape. We suggest a bud not earlier than August 25th, in order to have the variety at its best.
- Mrs. D. F. Roy.** Incurving mahogany red, very large flower; foliage well up the stem. Mrs. Roy is an easy variety to handle and should be very popular. Any bud.
- Mrs. W. E. Tricker.** Lovely flower of an enchanting shade of pink; petals slightly curved at the tips and on the whole produces a tremendous flower.
- Mrs. Gilbert Drabble.** On an early crown bud from August 10th, this variety produces a marvelous flower; petals are arranged in a whorl, rendering them most attractive.
- Mrs. J. C. Neill.** This variety is much like Cheltoni in form and color. It is a shade paler, but makes a larger flower and can always be recommended to grow for exhibition.
- Mrs. O. H. Kahn.** A first-class bronze; comes good on almost any bud, but produces the best color from a bud taken August 20th or later. One of the finest varieties in the bronze section.
- Mrs. Wm. Duckham.** Reflexing yellow, old but very satisfactory in every way.
- Mrs. David Syme.** The finest white ever produced for any purpose. Absolutely perfect in flower, stem and foliage.
- Mrs. G. C. Kelly.** Old rose, with silvery reverse; perfect stem and foliage. Do not feed too heavily with this variety; as it is such a strong grower it is apt to take up too much nourishment.
- October Frost.** Early October; the largest commercial white of its date.
- Onunda.** The largest Chrysanthemum that has ever been exhibited; stem fully equal to carrying the flower erect; color creamy white.
- Pattie.** Very delicate, pleasing shade of pink. Good commercial variety and should be very popular. November 10th to 20th.
- Pockett's Crimson.** The greatest thing in its color ever sent out. Crimson with a gold reverse. Makes a flower 9 inches across; splendid grower, with foliage right up to the flower.
- Polly Rose.** Very easily handled and grown in enormous quantities for the wholesale market.
- Roman Gold.** From September buds; a Japanese incurved and darker yellow than Golden Wedding or Golden Age. Best bud August 15th to 25th.
- Reginald Vallis.** Deep rose, with long, narrow petals; a very striking variety.
- Rose Pockett.** Old gold, shaded bronze. Purely an exhibition variety, but one of the finest kinds sent out.
- Ramapo.** American seedling of Col. Appleton, which will take the place of that variety. It has all the good points of Appleton, the same color, splendid stem, foliage right up to the flower, and never shows a top-knot, as does Appleton.
- Salomon's Gold.** Yellow sport from the well-known Alice Salomon, but stronger in growth.
- Timothy Eaton.** One of the best-known whites in cultivation and grown in tremendous quantities by the commercial growers.
- Unaka.** The long sought early October pink Chrysanthemum. A broad petaled Japanese incurved of great depth and size for so early a variety.
- Wm. Kleinheinz.** Chestnut red of the very largest size; large petals. Habit is all that can be desired.
- William Turner.** The best variety we have ever introduced; it has created a sensation when exhibited at the shows. Makes a perfect ball of the purest possible white. One of the best commercial kinds also.
- Wells' Late Pink.** One of the finest things sent out in its color in many years, flowering from November 10th onward. Crown bud after August 25th.
- White Gloria.** Pure white; like Gloria in every respect.
- Yellow Miller.** A yellow sport of the bronze Mrs. J. A. Miller. One of the largest flowers we have and a variety which any commercial grower can make good money with. It is also a splendid thing on the exhibition table.
- Yellow October Frost.** A yellow sport of the well-known October Frost. Comes a much better color than yellow sports generally do. This will be particularly valuable to the commercial grower who wants a yellow companion for his October Frost.

One each of any twenty-five of the above varieties: \$2.00.





BEAUREPAIRE

## Early-Flowering Chrysanthemums

This type of Chrysanthemum deserves a place in every garden, coming as it does after the summer flowers have begun to wane, and continuing to bloom profusely in most places, until well into November.

The cultivation of these 'Mums is simple: Plant them in a rich, well drained piece of ground, setting out the plants a foot apart and pinching them once or twice during the months of May or June. They will branch out and make beautiful bushes and give the cultivator more return for the labor expended than any plant in the garden. There is a place for this type of 'Mum in every garden in America, whether one has greenhouses or frames or not. Some growers who have grown these as pot plants have had great success with the same and we can recommend them highly for that purpose.

We will be pleased to answer any and all questions relative to these varieties.

We are the American agents for August Nonin, who has made a specialty of the Early Flowering varieties for many years and to whom we are indebted for many of the best varieties:

50c. each \$5.00 per doz.

## NONIN'S FRENCH NOVELTIES

### ANTOINETTE LANQUETOT

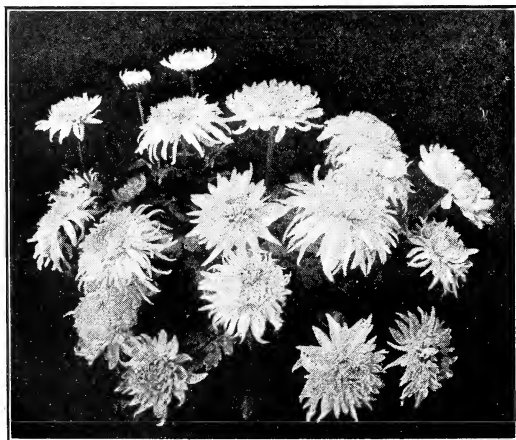
A splendid dwarf grower; very stiff stems; color white, beautifully flushed with delicate lilac rose.

### BEAUREPAIRE

Beautiful bright pink, coming into flower directly after Hortense Malgat and furnishing quantities of charming flowers. As a pot plant this variety will rank very high, coming in ahead of Polly Rose and other pink sorts used for this purpose.

### BRUNE POITEVINE

Deep, glowing crimson, the color of the old Cullingfordi. We must concede the palm in crimson to this variety as it is much more brilliant than L'Argentillaais.



MILKA—See page 17



## TOTTY'S 'MUMS, MADISON, NEW JERSEY

### EARLY-FLOWERING CHRYSANTHEMUMS—Continued



MISS B. HAMILTON

#### MILKA

A valuable variety; very dwarf and stocky; color, as the name implies, clear milk white. We consider this the best of the white varieties in this type of early-flowering Chrysanthemums.

#### MISS B. HAMILTON

Splendid, deep yellow, the petals of which stand out perfectly straight, showing the flower to the best advantage. This variety is very much on the style of Cranfordia, but the foliage comes up much closer to the flower.

#### ODETTE

In full flower October 1st; splendid habit, either for pot plants, or growing in sprays. The color is a bright, rosy lilac.

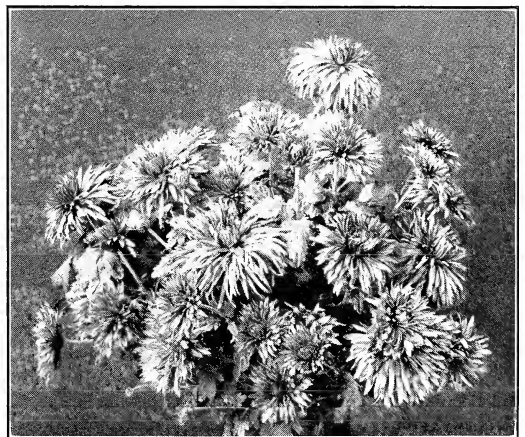
#### POMPONETTE

Glowing yellow, and when fully developed the lower petals stand out straight, forming a perfect outline, making the flower as round as a coin. There is something irresistibly Japanese about the appearance of this variety and it will be accorded a high place when generally distributed.

50c. each, \$5.00 per doz.



ODETTE



POMPONETTE

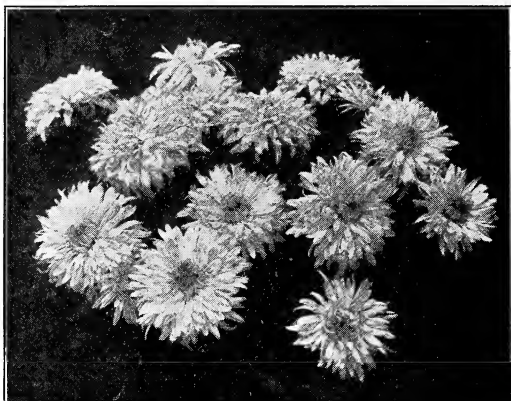


## TOTTY'S 'MUMS, MADISON, NEW JERSEY

### EARLY-FLOWERING CHRYSANTHEMUMS—Continued



CRANFORDIA



DEBUTANTE

### STANDARD VARIETIES

Price of these varieties: 20c. each, \$2.00 per doz., \$15.00 per 100. Our selection, \$10.00 per 100.

**A. Barham.** A beautiful orange bronze and the first variety of this color to come into flower. Shows up wonderfully well under light when used as a decoration.

**Aquitaine.** Salmon bronze on ochre ground; large, drooping flower when disbudded.

**Billancourt.** Wonderfully strong, vigorous grower; plant makes a perfect bush; color brilliant terra-cotta, shaded bronze. A splendid variety in every way.

**Cranfordia.** In this variety we have an early-flowering 'Mum that covers every possible point; perfect in flower and stem; foliage up to the flower and every plant will carry twelve to twenty beautifully finished flowers. We cannot too strongly recommend this variety to grow in large blocks for cutting, as we are positive it will fill all requirements. Color deep, bronzy yellow.

**Carmelite.** Deepest golden yellow; very free.

**Chaldon.** Reddish crimson, with gold tips; large flowers.

**Cranford Pink.** The color is a most exquisite shade of shell pink. When cut in long sprays that have never been disbudded, it is a beautiful sight, and when grown under glass and disbudded there is nothing in sight at that season of the year to compete with it.

**Cranford White.** Purest white; very well-known variety.

**Crimson Pride.** Crimson, tipped gold.

**Carrie.** Deep yellow; beautiful and one of the best known.

**Chas. Jolly.** Bright, rosy pink; splendid variety and popular with everyone.

**Dorothy.** Snow white. The most vigorous of all the early whites. Makes the most beautiful sprays and if disbudded and numerous shoots left on the plant they will finish every flower with a perfectly stiff stem.

**Debutante.** Pure white in color, perfect in shape, and if the plant is pinched until July 1st will give quantities of snow-white flowers on stems amply long enough to use as a cut flower.

**Eden.** Bright rose; one of the best.

**Evelyn.** Crimson bronze, in full flower September 20th.

**Etoile d'Or.** Yellow.

**Firelight.** Brilliant carmine, shaded with scarlet. In perfect condition to cut October 1st, either outdoors or under glass. The earliest and best thing in its color.

**Francis.** Bronzy red; splendid habit.

**Hortense Malgat.** Color a magnificent pink. In full flower October 1st. One of the choicest varieties we have. Very productive.

**Golden Queen of the Earlies.** Sport from Queen of the Earlies.

**Harvest Home.** Deep bronzy yellow.

**Harrie.** Bronzy orange on gold ground.

**Helena.** Chestnut, shaded gold, with gold tips. In flower September 18th.

**H. H. Crane.** Chestnut, with gold reverse; ready to cut September 25th.

**Jimmie.** The deepest rose in color, with petals standing straight out, making the flower of the largest size. Is excellent either disbudded or in sprays.

**La Rhin.** Reddish terra cotta; stiff habit.

**La Cygne.** Purest white; in full flower September 20th. One of the most useful of the early-flowering varieties.

**L'Aisne.** Violet purple; dwarf; sturdy habit and free flowering.

**L'Argentuillais.** Deep chestnut.

## TOTTY'S 'MUMS, MADISON, NEW JERSEY

### EARLY-FLOWERING CHRYSANTHEMUMS—STANDARD VARIETIES—Continued

**Le Pactole.** Bronzy yellow; large flower; strong grower; slightly disbud.

**Le Tage.** Terra cotta.

**Lucifer.** Reddish crimson; striking color and first-class variety.

**Marie Dufour.** Dwarf grower; absolutely snow white in color. The showiest variety in the collection; makes an ideal pot plant. It would be hard to improve on this variety.

**Madam de L'Argentaye.** Plant very healthy doer; medium to tall grower. Color beautiful shade of flesh pink, flushed lavender.

**Madam Marques.** Blush white, splendid variety, and fully developed by October 1st. Amply repays for disbudding and good care.

**Miss Burchfell.** Deep, blush pink, with gold center.

**Nellie Blake.** Chestnut crimson; in full flower September 20th. Dwarf, handsome variety.

**Normandie.** Creamy white; magnificent variety. The earliest and perhaps the best.

**October Gold.** Old gold. Grand for bunching.

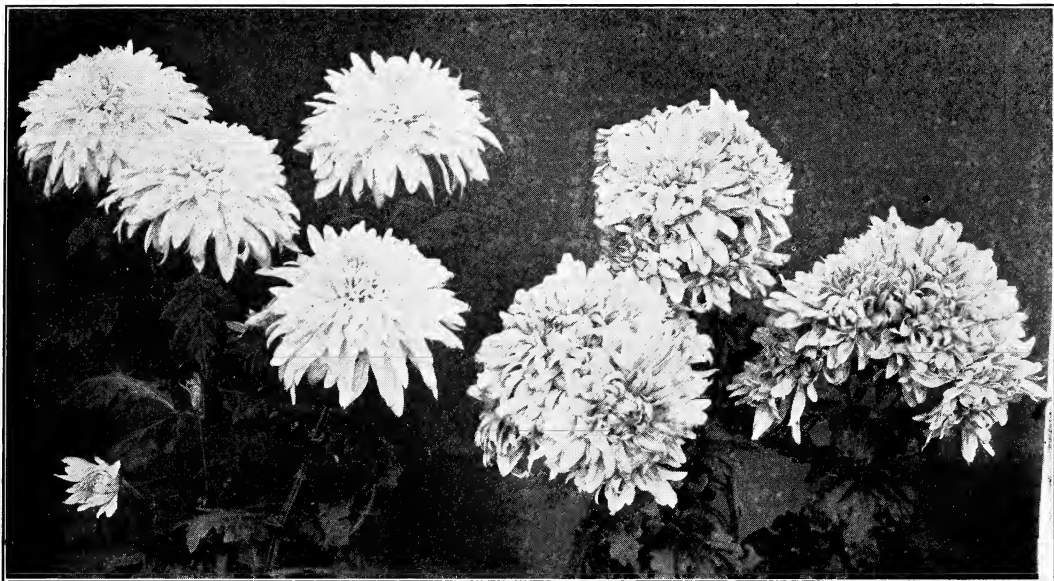
**Orion.** Guinea gold, free and bushy.

**Petite Louis.** Beautiful silvery mauve. Plant is a very strong grower and one of the most satisfactory varieties we have ever tested, for outdoor cultivation.

**Petite Jean.** On the style of Perle Chatillonaire, but comes into flower about a week later. Color pure white, with a light yellow center.

**Vesuve.** Bright red; splendid dwarf habit.

One each of any twelve of the above varieties: \$2.25.



MARIE DUFOUR

HORTENSE MALGAT—See page 18

Why not have a Fall Garden of these Early-Flowering  
Chrysanthemums as many of our customers now do?

Write us in regard to this.





MRS. E. H. WELLS. (See description page 21)

## Novelties in Single Chrysanthemums

Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100.

Our Single Novelties have set the standard in this popular type of Chrysanthemum from year to year. Nearly all the Singles are perfectly hardy, and there is nothing better for the garden, to flower after all other plants have died, than these splendid Single 'Mums. They come in all colors and are excellent varieties for cut flowers.

### DR. BOLES

Cerise pink; specially valuable for later exhibitions, and can be grown for Thanksgiving if desired. Growth very dwarf and robust, greatly resembles Mrs. Buckingham, but comes in about two weeks later.

### ERNEST WESTLAKE

Growth very sturdy and robust; foliage right up to the flower; footstalk particularly stiff; color lovely shade of light pink. This variety will make a wonderful pot plant and is one of the showiest in the collection. The petalage is very odd, being fimbriated at the ends.

### ISABEL FELTON

Classed in Europe as the very finest yellow; with us, the growth is rather tall and the flower has considerably more color than Golden Mensa.

### LOUISE



This flower is an exquisite shade of light salmon pink with yellow shadings; a distinct and lovely color; blooms profusely outdoors by October 1st, and still in splendid shape six weeks afterward.

### MRS. A. MIDDLETON

A rich, canary yellow; every petal reflexes, showing the flower to the best advantage; a very handsome variety.

### MARCELLA

This variety, when exhibited, was called by the ladies "The American Beauty 'Mum," as the color resembles that of the American Beauty Rose, but is much more brilliant. Growth very sturdy and robust; beautiful foliage.

# TOTTY'S 'MUMS, MADISON, NEW JERSEY

NOVELTIES IN SINGLE CHRYSANTHEMUMS—Continued



RICHARD DELAFIELD

## MRS. JOHN A. STEWART, JR.

(Cert. C. S. A.)

A lovely bronze with yellow zone immediately around the center disc; just the color that associates itself with Autumn foliage; probably the most popular variety we exhibited at any of the exhibitions.

## MRS. CHAS. C. MICKLE

Splendid flower, conforming in all respects to the type; color the purest possible white, bright golden center; a great improvement on R. B. Burge in habit and flowering about a week later. Certified C. S. A., with a score of ninety points.

## MRS. E. H. WELLS

Petals creamy white in center, shading to palest lavender on outer edges; refined and beautiful flower; the admiration of all who have seen this variety both in the greenhouses and at the exhibitions.

## MRS. H. SHOEBRIDGE

This variety has only a single row of petals which are most artistically twisted and whorled; color is a lovely shade of rose pink and this variety we feel sure will find a welcome place in every establishment.

## CARDINAL

Color most brilliant crimson; has several rows of petals, giving the blooms considerable body and causing it to show up magnificently in a collection of varieties.

## RICHARD DELAFIELD

Exceptionally novel in color; a very deep terracotta with scarlet shadings. One of the most brilliant varieties we have ever distributed. When shown in conjunction with a white variety the effect is marvelous.

One each of the preceding twelve varieties: \$3.25.





EXCELSIOR

GOLDEN MEMSA

W. BUCKINGHAM—See page 23

## Single Chrysanthemums

### STANDARD VARIETIES

Price: 15c. per plant, \$1.25 per doz., \$10.00 per 100. My selection, \$8.00 per 100.

**Brightness.** This variety certainly lives up to its name, for it is one of the brightest scarlet crimson 'Mums we have ever seen. Growth of the plant is very strong, and it has a splendid foot stalk.

**Ceddie Mason.** Bright crimson; medium-sized flowers make wonderful display.

**Ceddie White.** One of the most distinct singles ever introduced. The ground color of the variety is yellow and the tips of the petals are beautifully colored blood red.

**Chas. Kingsley.** Golden yellow; perfect shaped flower and a splendid thing in every way.

**Dorothy Dann.** A lovely salmon bronze, medium in size. Flowers are well divided and carried on long, graceful sprays.

**Excelsior.** A gorgeous variety. When first opening almost a scarlet, which afterward changes to bronze and flame color. One of the very largest and most attractive singles ever introduced.

**Elsa.** Snow white, with a lovely golden-yellow center, making a lovely plant when grown in sprays.

**Elsie Newton.** Purest white, somewhat star shaped; one single row of petals and a beautiful variety for table decoration.

**Gladys Duckham.** One of the largest whites. Certificated by the C. S. A. at Philadelphia and Boston.

**Grace Darling.** Beautiful white. Should not be disbudded. Makes beautiful sprays for cutting.

**Golden Mensa.** The parent of this variety, Mensa, is probably the finest single that has ever been raised. It is of a wonderful size, with enough petalage to enable it to be shipped thousands of miles and come out of the box in perfect condition. In Golden Mensa we have a yellow sport of the same, identical with Mensa in every way except color, which is a bright, golden yellow.

**Ivor Grant.** A splendid rose pink, single, with a white zone around the brilliant yellow center. A very valuable addition to the many wonderful pinks already in cultivation.

**Irene.** Deep lavender, with bright white zone round center; carries three rows of petals. The first in its color to open with us this year, being ready to cut October 1st.

**Joan Edwards.** Beautiful pink; a very handsome variety.

**Josephine.** In this variety we have a splendid single. Yellow in color; flower is heavy in texture, foot-stalk perfectly stiff and when disbudded will produce flowers about six inches across. This is a variety every grower should handle. Certificated by C. S. A.

**Lady Furness.** Reddish salmon, like Mary Richardson, only later.

**Lady Mowbray.** Deep orange yellow; individual flowers are very large, carrying three rows of petals. On account of the marvelous color of this variety and its magnificent size, we feel justified in calling it the finest we have ever distributed.

**Mensa.** Purest white. This is a splendid variety. Certificated by C. S. A.

**Mrs. W. A. Higgs.** White, flushed pink; very large, handsome variety.

**Margaret Walker.** Orange bronze. This variety has only a single row of petals, but the flower is extremely large, running over six inches across when disbudded and the color is very striking.

**Mrs. Lou Thompson.** Primrose-colored sport from Mensa. Must not be confused with Golden Mensa, which is considerably deeper in color.

**Marion Sutherland.** Very large yellow; double rows of petals; brilliant and very attractive. Either slightly disbudded or grown in long, graceful sprays, it makes a very handsome flower.

## TOTTY'S 'MUMS, MADISON, NEW JERSEY

### SINGLE CHRYSANTHEMUMS—STANDARD VARIETIES—Continued

**Mrs. H. Hogben.** Orange bronze; charming color for table decorations and has every other desirable attribute. Medium height and growth; perfectly stiff foot stalk, which shows the flower at its best.

**Margaret Sargent.** A dainty, sweetly pretty pink; good, stiff habit, making it splendidly adapted for bush plants.

**Mrs. Whitehorn.** Salmon terra cotta. An excellent keeper and shipper and one of the best commercial cut flowers.

**Manor House.** Terra cotta. Very handsome variety for the collections.

**Merstham Jewel.** Reddish terra cotta, with gold center.

**Miss May Thorn.** Rose, with white tips; very large and good.

**Merstham Rose.** Rose, with white zone around the disc; one of the most beautiful singles ever raised.

**Miss Mary Pope.** Pale pink; very large flower; one of the very best.

**Mrs. E. D. Godfrey.** A lovely light pink, same shade as Lady Hopetoun. The strongest grower we have.

**Phyllis Bryant.** Sulphur yellow. The flower is absolutely perfect in outline and one of the very finest yellows we have so far received for cutting and shipping. We strongly recommend this variety to every grower.

**Polly Duncan.** Canary yellow. Flowers very large and borne erect on good, stiff stems. A most desirable variety.

**R. B. Burge.** Purest possible white flower, with a bright yellow center. Like a beautiful Pond Lily.

**Snowflake.** Purest white. A large, splendid flower that is most attractive.

**Stanley Ven.** Lovely rose color; sprays are well divided, doing away with the necessity of any disbudding. Certificated at Philadelphia, Boston and Chicago.

**Sylvia Slade.** Rosy garnet, with broad, pure white ring around the disc; as true as a Cineraria flower. The habit and freedom of flowering are superb.

**W. Buckingham.** A grand, vigorous pink.

**Yvonne.** Brilliant, bronzy amber, on the style of Dorothy Dann, but a shade lighter in color.

One each of any twelve of the above varieties: \$1.50

## Varieties for Pot Plants and Decorative Work

### THE CAP FAMILY

Our introductions of 1912, have met with wonderful success as pot plants.

The following list is particularly adapted for pot plants, being dwarf and free. They can be planted out in the open ground in May if desired, and potted the 1st of September, saving a lot of work and making beautiful specimens.

Price: 15c. per plant, \$1.50 per doz.,  
\$10.00 per 100

**Belle Mauve.** A good, all-around variety.

**Butler's Caprice.** Sport of Caprice du Printemps. Deep pink.

**Caprice du Printemps.** Deep, rosy pink. Sport of Caprice.

**Crimson Quintus.** Excellent decorative variety.

**Crimson Source d'Or.** Crimson. Sport of Source d'Or.

**Florence Stanton.** Incurving variety. Bronze.

**Kathleen Thompson.** Crimson. Sport of Caprice.

**Lilac Cap.** Deep lilac.

**Lizzie Adcock.** Deep yellow. Sport of Source d'Or.

**Mrs. Greening.** Lilac. Sport from Caprice du Printemps.

**Purple Cap.** Purple. Sport from Caprice.

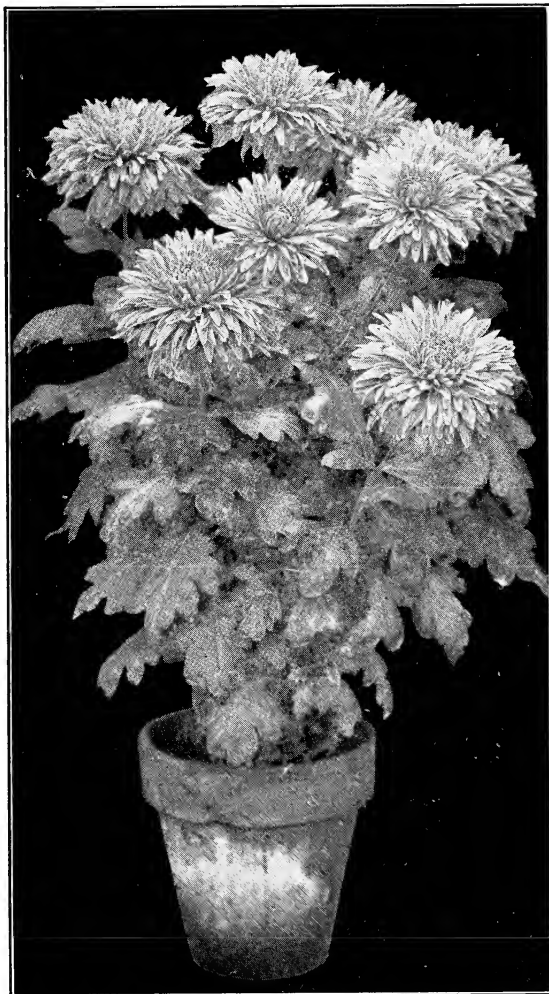
**Pink Perfection.** Soft mauve pink.

**Source d'Or.** Bright orange, shaded gold.

**White Cap.** White. Sport of Caprice.

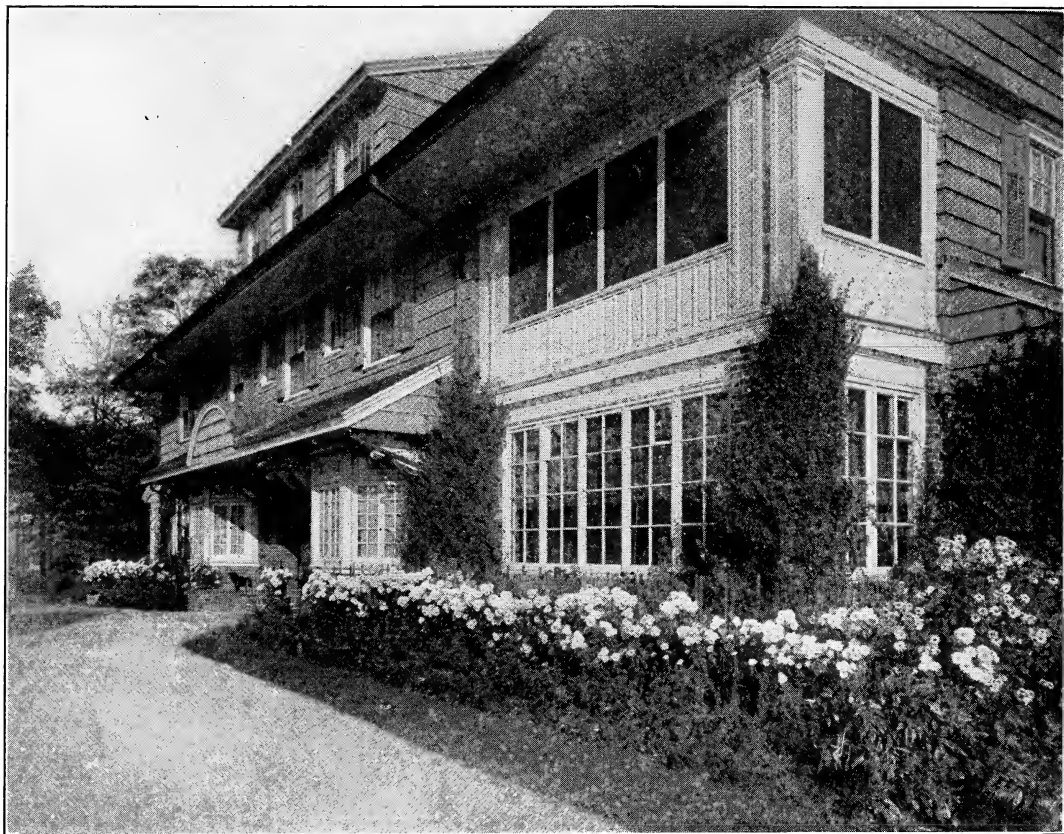
**Yellow Cap.** Bright yellow.

**Yellow Triumphant.** Clear yellow.



BUTLER'S CAPRICE





MRS. FRANCIS H. BERGEN

## *Hardy Chrysanthemums*

MRS. FRANCIS H. BERGEN

Our picture represents a group of this splendid, exceptionally hardy 'Mum, growing outside the residence of Mr. Bergen in Summit, New Jersey. This variety is a seedling that Mr. Bergen raised himself, and has been growing outdoors for years; the flowers are very novel and the petals beautifully arranged, decreasing in length as they reach the center. Color creamy white in center, with rose-pink shadings toward the outer edges; as the flower ages, this outer edge changes to a charming pale lavender. We consider this the most valuable variety of the many hardy sorts we have introduced for the garden. Comes into flower October 25th.

Price: 50c. per plant, \$5.00 per doz.





NIPPON

## *Novelty Pompons*

### *Nippon*

This Pompon makes an ideal pot plant, being short-jointed and bushy in growth, forming a perfect plant with practically no pinching. Color flesh-white, with light yellow center. We strongly recommend this variety for either pot plants or bench culture, as well as being one of the best outdoor varieties we ever introduced. Season of flowering, first week in November.

Price: 30c. per plant, \$3.00 per doz.

### *Baldwin's Scarlet*

As the name implies, this is the nearest approach to scarlet in color that we have so far been able to produce; growth is particularly strong and robust, and this variety will prove a splendid companion for such kinds as Golden Climax and Donald.

Price: 30c. per plant, \$3.00 per doz.

### *White Doty*

A sport of the popular variety, Lillian Doty, and a duplicate of the parent in every way, except color, which is pure milk white. This is a hardy plant that will grow outdoors just as well as in the greenhouse, and will give the grower wonderful results grown either way. Every stem on the plant carries a spray of eight or ten perfect flowers, and with its bright, glossy, green foliage and stiff, erect growth, this charming variety fascinates everyone.

Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100.



LILLIAN DOTY

## *Hardy Pompons*

### *IMPROVED VARIETIES*

Price: 20c. per plant, \$2.00 per doz., \$15.00 per 100.

**DONALD.** Light pink; very fine grower.

**GOLDEN WEST.** A duplicate of the Yellow Baby, except that it is twice as large. A prize winner at Cleveland and Chicago.

**GOLDEN CLIMAX.** Orange yellow. In our opinion the finest of the many yellows now in cultivation, possessing every necessary qualification. This variety has been admired more than any other variety in the exhibitions, particularly at Chicago. Truly named, as it does not seem possible to improve on this variety.

**INEZ.** Scarlet bronze; very brilliant; tall grower.

**LILLIAN DOTY.** It is much the finest pink in the large-flowered section of the entire Pompon family. The plant is a tremendous grower and will make stems four and five feet long, producing beautiful sprays of clear, light pink flowers.

**MARY.** Pearl white, flushed pink.

**MEG.** Wine red, shading to garnet.

**NAN.** Maroon, with purple shadings.



## TOTTY'S 'MUMS, MADISON, NEW JERSEY



ROSE TREVENNA

INEZ

DONALD

GOLDEN CLIMAX

### *HARDY POMPONS—Continued*

### **STANDARD VARIETIES**

**Price: 10c. per plant, \$1.00 per doz., \$7.50 per 100.**

- |   |   |
|---|---|
| <p><b>'Baby.</b> Everybody's favorite. The smallest yellow variety grown.</p> <p><b>Bradshaw.</b> Silver pink; large, full flowers.</p> <p><b>Baltimore.</b> Violet red; large single; quilled petals.</p> <p><b>Baby Margaret.</b> Said to be a pure white sport of Baby; a very beautiful thing.</p> <p><b>'Dawn.</b> Daybreak shade of pink.</p> <p><b>Dupont de l'Eure.</b> Amber, shaded bronze.</p> <p><b>Excelsior.</b> Large flowers; bright, orange yellow; long stems.</p> <p><b>Elkton.</b> Light pink; full, large flowers.</p> <p><b>Gladys.</b> Flushed pearl.</p> <p><b>Grace.</b> Blush white; occasionally tinged with rose. Dwarf, perfect habit.</p> <p><b>Helen Newberry.</b> One of the most perfect and latest of the white Pompons; a variety that is always the prize-winner at the latest shows.</p> <p><b>Hero.</b> Clear pink; large flowering.</p> <p><b>Julia Lagravere.</b> Crimson maroon; for cut flowers.</p> <p><b>Jas. Boone.</b> Pure white; very fine.</p> <p><b>Jeannette.</b> The earliest yellow we have.</p> <p><b>Kenneth.</b> Pure white; large flowers.</p> <p><b>Lelia.</b> Splendid scarlet bronze, in color; tall, handsome flower, quite large in size.</p> | <p><b>Lulu.</b> Very handsome dwarf white; fine for pot plants.</p> <p><b>Louisa.</b> Large white; long stems.</p> <p><b>Minta.</b> Very free flowering light pink; splendid upright growth and unsurpassed in its color.</p> <p><b>Maid of Kent.</b> White, tinted with rose.</p> <p><b>Myers' Perfection.</b> Fine, pure white; tall grower.</p> <p><b>Matilda.</b> Very handsome white; Anemone center.</p> <p><b>Quinola.</b> Deep yellow; very neat flower.</p> <p><b>Queen of the Whites.</b> Fine, creamy white; best in its color.</p> <p><b>Rose Trevenna.</b> Rose color.</p> <p><b>Susquehanna.</b> Very fine yellow.</p> <p><b>'Triomphe d'Or.</b> Rich, golden yellow.</p> <p><b>Tiber.</b> Reddish brown, tipped yellow.</p> <p><b>Urith.</b> Large flowers; broad florets; bronze, tipped yellow.</p> <p><b>Viola.</b> Rich violet red.</p> <p><b>Wm. Sabey.</b> Canary yellow.</p> <p><b>Wm. Westlake.</b> Golden yellow.</p> <p><b>Waco.</b> Very fine white.</p> <p><b>Yellow Gem.</b> Large, full flowers; pure yellow.</p> <p><b>'Zenobia.</b> Pure yellow.</p> |
|---|---|

## Japanese Anemone

Price: 15c. per plant, \$1.25 per doz., \$10.00 per 100.

**Citrinus.** Buff, orange center.

**C. L. Hutchinson.** In this variety we have the ideal Anemone. The color of the petals is a pure white and the Anemone center is a bright yellow, making a beautiful contrast. Entirely distinct from Garza and flowering, as it does, some ten days before that variety, makes it a very valuable acquisition.

**Excellence.** Pure white.

**Esa.** Splendid pink.

**Garza.** Pure white. The most largely grown variety.

**Geo. Hawkins.** Lemon yellow.

**Golden Parasol.** This is particularly valuable as a commercial cut bloom, as it has excellent shipping qualities. It is a splendid yellow, with a very prominent center, making the same very distinct; and a variety that we can highly recommend.

**Godfrey's Perfection.** A late variety which comes in excellent condition for Thanksgiving. Dwarf, robust habit, very stiff stem. Color of flower a beautiful, clear white.

**Mme. Robt. Owen.** Pure white; good.

**Mrs. Heneage.** Brassy yellow; sport from Delaware.

**Mrs. Shimmings.** Apricot, shaded red; a lovely color.

**Marsia Jones.** Pure white; largest size.

**Surprise.** Pink; very large and good.

**Snow Queen.** Large, handsome variety, particularly adapted for cutting; flowers purest possible white, as its name signifies, but not quite so prominent as is usual in this type.

**Yellow Garza.** Duplicate of Garza in every way except color.

### ANEMONE POMPONS

**Astarte.** Bright, brassy amber.

**Ernest Carr.** Crushed strawberry color.

**Hon. Mrs. Cubitt.** Light buff; good pot plant.

**Rose Marguerite.** Rose; handsome dwarf habit.





## Novelty Carnation for 1916

Rooted Cuttings: \$2.50 per doz., \$16.00 per 100.

Pot Plants: 2½-in., \$3.00 per doz., \$20.00 per 100.

### Miss Alice Coombs

(A. ROPER)

This fine new pink variety has proven a first-rate commercial sort in all requisite qualities, besides being of lovely, clear, bright pink, a trifle deeper than GLORIOSA, but a free, strong grower, with medium grass and a long, very strong stem.

It belongs in the large-flowered class, blooms freely produced, one of the very best keepers and an easy doer; the form being fine, and quite distinct from all other sorts.

It has made a notable record wherever shown, and is already assured a large sale.

## Introductions of 1915

Rooted Cuttings: 12c. per plant, \$1.25 per doz., \$8.00 per 100.

Pot Plants: 2½-in., 15c. per plant, \$1.50 per doz., \$12.00 per 100.

### ALICE

Medium-sized blooms; perfect in form. Color a beautiful shade of clear blush-pink. More productive than Enchantress, with the same freedom of growth, and habit of plant all that can be desired.

### PINK SENSATION

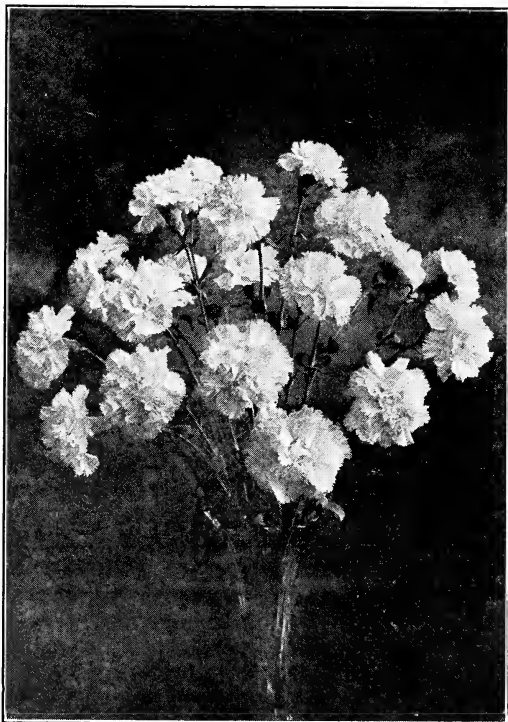
The flower is extremely large, averaging 4 to 4½ inches, full and deep. The keeping qualities are better than ordinary, having often kept in good condition ten days after cutting. The color is a well defined pink, somewhat lighter than Gloriosa. The growth is stocky, has a heavier foliage than ordinary and throws good, long, heavy flower stems. The large size, well shaped blooms, pleasing color, long stiff stems and its unexcelled keeping qualities, combined with its strong, clean habit of growth, give it class and commercial worth.

### GOOD CHEER

Color deep pink, darker than Gloriosa. Stems extra long and stiff. Size 3 to 3½ inches and has good keeping qualities. Growth straight and upright, making well shaped plants. Early and continuous flowering. As a producer it has exceptional merit; a bench in full crop impresses one with its great productiveness and commercial value.

### YELLOW PRINCE

We are often asked for a yellow Carnation and submit Yellow Prince as being the only variety of its color worthy of consideration. This is a splendid, bright, clean yellow, with foliage a rich green and habit of plant vigorous and free from disease.



MATCHLESS—See page 30

## Standard Varieties

**Rooted Cuttings: 60c. per doz., \$4.00 per 100.**  
**Pot Plants: 2½-in., \$1.00 per doz., \$7.50 per 100.**

### PINK

**Enchantress.** The standard light pink; too well known to need any description.

**Enchantress Supreme.** A splendid variety that is making good everywhere. Color is a light salmon pink several shades deeper than the original parent, Enchantress, and this variety persists in the bright sunlight without fading. It is better than Enchantress in every way. We cannot too strongly recommend this variety. Calyx is a non-splitter, and the plant is just as productive as the old Enchantress.

**Gloriosa.** Loveliest color of all the Carnations, but a hard variety to propagate.

**Northport.** This variety has made a wonderful name for itself as a first-class dark pink Carnation. Very free; comes into bloom quickly in the Fall and maintains its cut all Winter.

**Mrs. C. W. Ward.** Deep pink, large, perfectly formed flower with full center. Very popular in all the wholesale markets.

**Philadelphia.** The ideal rose-pink Carnation. Ideal in color, productiveness, size of bloom, non-splitting calyx, and length of stem. Seems to be making good everywhere.

**Gorgeous.** A fancy Carnation in every sense of the word. This variety will make stems 2½ to 3 feet long. Considering its size it is very free. It is a variety that carries everything before it on the show table and has been awarded the A. C. S. Gold Medal.



PRINCESS DAGMAR

### SCARLET

**Beacon.** The standard red. One of the freest Carnations grown and in more request than any other variety.

**Commodore.** The non-splitting scarlet. Comes into bloom early and brings a splendid Christmas crop. A clean, healthy grower, with strong stem and calyx.

**Champion (Dorner).** The most promising scarlet since the introduction of Beacon. F. Dorner & Sons, to whom we are indebted for this remarkable variety, have given us many of our best varieties and it looks as though their claim for Champion, that "it will be a scarlet White Wonder," is well founded.

### WHITE

**White Wonder.** Begins to bloom in September and blooms throughout the season. Snow white and very fragrant. Exceptionally large in size.

**White Enchantress.** Of the pure white strain. Splendid variety and satisfactory in all seasons.

**White Perfection.** Grand white in the Fall and unsurpassed in sections where it does well.

**Matchless.** Well named the Matchless White. Winner of two gold medals at the International Flower Show, New York, 1913. Blooms early and continuously, and should line up as a great commercial variety. It seems to be easy to handle and very free. Flowers extra large and wonderfully fragrant.

### VARIEGATED

**Mrs. B. P. Cheney.** A variegated variety that seems to come nearer to satisfying a buyer looking for this particular type of Carnation than any other variety so far introduced. The variegation is very clear and distinct and the plant is a wonderfully free producer.

**Benora.** Clear white, penciled bright red. Narrow foliage; very free, vigorous variety.

### CRIMSON

**Princess Dagmar.** Largest and finest thing in crimson ever produced. A wonderful keeper and shipper, and we can recommend it with every confidence to our customers and anyone looking for a good crimson Carnation.



## *Roses for Forcing—Novelties for 1916*

GRAFTED AND OWN ROOT STOCK

Price: 75c. per plant, \$7.50 per doz., \$40.00 per 100.

In an endeavor to give our customers the very best the world affords, every year we try out varieties from other countries, as well as America, to see if we can find any improvement on existing varieties. Our position as representative for Hugh Dickson, Ltd., of Belfast, Ireland, in Novelty Roses, gives us a unique opportunity in this respect. We believe that the varieties as given below, will be found particularly valuable to the greenhouse men.



GORGEOUS

### ***Gorgeous*** (Dickson)

Strong, vigorous, free-branching growth; handsome, dark olive-green foliage; flowers large, full and exquisitely formed, produced in endless profusion on stiff, erect stems. Color is one that floral artists rave over; when the flower is developing the bud is deep, coppery yellow, heavily veined and flushed salmon rose. There has never been introduced a Rose of such magnificent coloring as Gorgeous. Hugh Dickson, Ltd., of Belfast, Ireland, raiser of this variety, calls it "the most striking Rose in existence," on account of its unique color. We are certain that this Rose, with its exceptionally strong growth and charming color, will eclipse any Rose yet introduced.

*ROSES FOR FORCING—NOVELTIES FOR 1916—Continued*

## ***Cleveland***

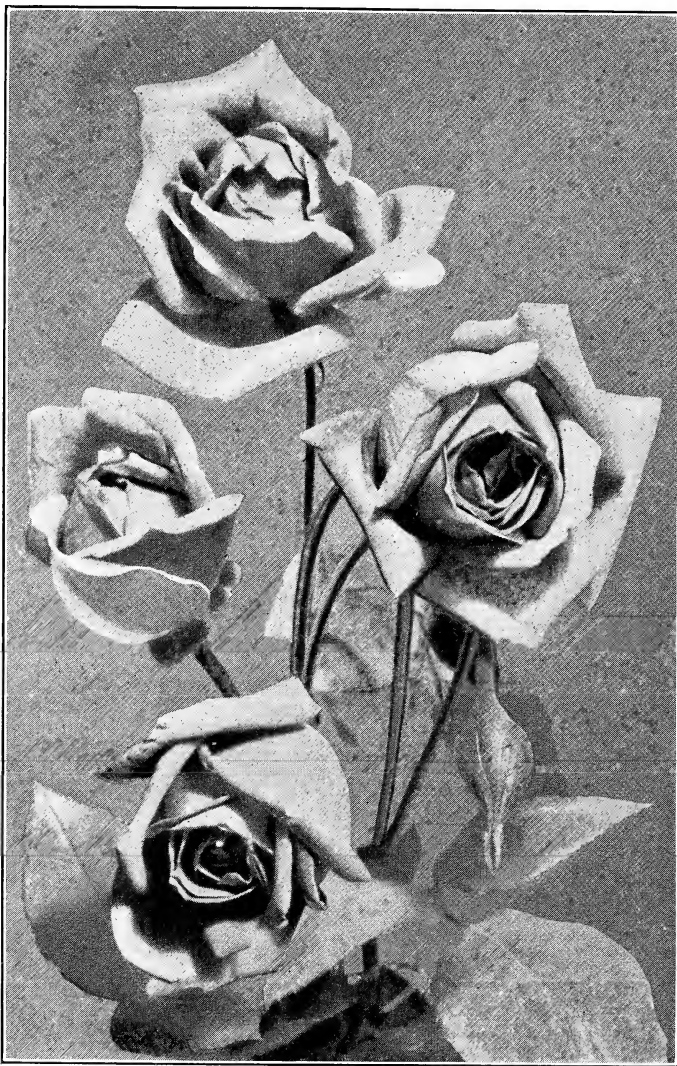
**(Dickson)**

Free, vigorous habit, with exceptionally large, dark green foliage, which, with us, is mildew proof. The blooms are large and very full, produced freely and continuously throughout the season. The color is a deep, glowing pink, with the base of each petal heavily flushed deep copper, and this Rose holds its pink color even in the hottest weather when other pink varieties are almost faded white. Cleveland is very distinct and beautiful in growth, as well as color, and should become very popular.

## ***Tipperary***

**(McGredy)**

This is an Irish Rose, a seedling of Mrs. Aaron Ward, which it resembles in foliage though not in habit, for it makes long, slender, stiff stems in a very short time, many of them to a plant, and every one tipped with a yellow flower. The bud is long and sharply pointed, and opens into a full rosette as Ward does. Every general florist should grow this pretty Irish yellow, for it is a variety that will please and will pay its way abundantly, for it has quality and also continuous and abundant bloom.



CLEVELAND

## ***Baby-Doll***

**(The Everblooming Polyantha)**

This delightful little "sweetheart" Rose is an everblooming Polyantha, and will fall into the Cecil Brunner class for choice corsages and for fine, dainty floral work. The color is absolutely new, and quite startling in its brilliancy—golden yellow, tipped with clear, bright cerise; the arrangement reminds one of Mme. Watteville. The little buds and blooms are very perfect in form, elegantly finished, and borne in fine, erect panicles. The foliage is narrow, long and sharply pointed, a deep, glossy green—a very beautiful setting for the lovely little doll Roses. The habit is better than in Brunner, a bench of Baby-Doll being an even parterre of delicate color.



## Introductions of 1915

<b>GRAFTED</b>	{ 2½-in.:	30c. per plant, \$3.00 per doz., \$22.50 per 100.
	{ 3 -in.:	40c. per plant, \$4.00 per doz., \$27.50 per 100.
	{ 4 -in.:	50c. per plant, \$5.00 per doz., \$35.00 per 100.
<b>OWN ROOT</b>	{ 2½-in.:	20c. per plant, \$2.00 per doz., \$15.00 per 100.
	{ 3 -in.:	30c. per plant, \$3.00 per doz., \$20.00 per 100.
	{ 4 -in.:	40c. per plant, \$4.00 per doz., \$25.00 per 100.

### MRS. F. F. THOMPSON

(TOTTY)

This variety sported with us from Mrs. Geo. Sawyer some three years ago and is an exact duplicate of that variety in all respects save color. The color is a lovely shade of shell pink with a deep glowing heart of bright pink, which lights up the flower wonderfully. The growth is very vigorous and, like its parent, it is a persistent bloomer, flowering all the time. This variety has been highly commended by all who have seen it at the exhibitions and also in our establishment and we have every confidence in recommending it as a first-class variety.

### WHITE SHAWYER

(TOTTY)

A pure white sport of Mrs. Sawyer which has been eagerly looked for. Like the foregoing, it is a wonderfully free bloomer with the quick growing habit of its original parent. It is much clearer and better than White Killarney and we feel sure it will displace that variety in the average commercial establishment, combining as it does a very vigorous habit and having enough petalage to make it an all-year Rose.

### SEPTEMBER MORN

(TURNER)

A light pink sport of Prima Donna, developed on the Pacific Coast. Has a splendid free growth, running 2 to 3 feet without pinching and shows every sign of being a phenomenal Rose. The bud is rather short and the outer petals are fimbriated, giving the flower a novel appearance. September Morn has considerably more petals than the average forcing Rose and it is, without exception, the most sweetly scented of any Rose so far placed on the market.

### HOOSIER BEAUTY

(DORNER)

A rich velvety crimson in color with deeper shadings. It is as fragrant as Richmond, has more petals and better keeping qualities. In production of bloom it ranks with any forcing variety. It naturally throws 2 and 3 feet stems; never has a dormant period, starting new growth very quickly at any time of the year. The glowing color, sweet scent, well-shaped buds, large, full flower, long keeping qualities, clean, healthy habit and freedom in growth and production of bloom have been declared wonderful. It is also easy to propagate.



WHITE SHAWYER

## Standard Varieties of Roses for Forcing

### GRAFTED

2½-in.:	25c. per plant, \$2.25 per doz., \$17.50 per 100.
3 -in.:	30c. per plant, \$3.00 per doz., \$22.50 per 100.
4 -in.:	40c. per plant, \$4.00 per doz., \$30.00 per 100.

### OWN ROOT

2½-in.:	15c. per plant, \$1.50 per doz., \$10.00 per 100.
3 -in.:	20c. per plant, \$2.00 per doz., \$15.00 per 100.
4 -in.:	30c. per plant, \$3.00 per doz., \$20.00 per 100.

**American Beauty.** Our stock of this Rose is grown specially for us by a firm who grow nothing else and we guarantee it to be the finest that can possibly be bought.

**Antoine Rivoire.** Very strong grower; light shell pink in color; handsome, glossy foliage and a very popular variety.

**Cecil Brunner.** Known under various names, such as Sweetheart, Mignon, etc. Is a dainty, miniature Rose. Light pink in color, and every greenhouse should have a few plants of this beautiful little Rose.

**Double White Killarney.** (Totty.) There are several strains of Double White, but this stock we secured from a sport of Double Pink Killarney, and it is the finest type we have seen. In some soil Double White does not produce as many blooms as the Single White Killarney.

**Francis Scott Key.** An American seedling, raised in Baltimore, and one of the very finest of all the red Roses for Summer culture. Flowers extra large and full. Splendid variety to grow as it is not addicted to either black spot or mildew.

**Hadley.** Deep, velvety crimson, retaining its brilliancy at all seasons of the year; strong, rigid growth and flowers borne on long, stiff stems; has proved itself on trial to be a first-class forcing variety.

**Irish Fireflame.** A single Rose of only five petals. As a novelty it is wonderfully striking. Bud is intense, fiery crimson at the base, shading to a rich orange salmon. For cutting it is beautiful and a novel departure in Roses.

**Jonkheer J. L. Mock.** Deep cerise pink in color, but the petals reflex, showing a much lighter shade. This is a wonderful Rose for Summer and Fall. To have it successful in Winter it requires more heat than other varieties, as there is so much petalage to develop.

**Kaiserin Augusta Victoria.** Very strong grower; splendid variety for either indoor or outdoor growing; color milk white.

**Killarney.** Best known and most largely grown pink today; too well known to need any further description.

**Killarney Queen.** Cerise pink sport of Killarney; exceptionally strong growth and much larger petals.

**Killarney Brilliant.** Has the same habit of growth and freedom of bloom as its parent; color very brilliant pink, which in dull weather shades to almost crimson. Best of the many fine sorts Killarney has produced.

**Lady Alice Stanley.** Deep rose-pink on outside of petal, inside clear shell-pink; very large full flower.

**Lady Hillingdon.** Very free blooming and a beautiful, even, coppery yellow in color all through the year and particularly fine in midwinter.

**My Maryland.** Best summer-flowering pink Rose. If grown for winter must have a night temperature of 64 degrees.

**Mrs. Aaron Ward.** A general favorite; rather short in bud, but wonderfully free flowering. In the bud state color is a beautiful, rich yellow, which changes to shades of pink as the flower develops.

**Mrs. Chas. Russell.** Pink American Beauty, enormous in size, which lines into beautiful shape in flower, stem and foliage.



OPHELIA—See page 35



## TOTTY'S ROSES, MADISON, NEW JERSEY

### STANDARD VARIETIES OF ROSES FOR FORCING—Continued

#### **Mrs. George Shawyer.**

We are very proud of the record this Rose has made all over the country, commercial and private growers alike being loud in sounding its praises. It is an all-year Rose, opening freely in midwinter and yet having enough body to stand equally well as a summer Rose. We cannot too strongly recommend this lovely pink Rose.

#### **Madame Edouard Herriot. Syn.**

**Daily Mail Rose.** Color of this Rose is a gorgeous combination of reddish terracotta and bronze, with flame shadings; almost impossible to describe; foliage bright and glossy and practically mildew-proof. Artists have raved over this variety for the past two seasons in Europe. While it is not robust enough in growth to rank as a standard commercial sort, the exquisite shadings of color will always render it a popular variety.

**Ophelia.** Color clear, bright salmon, often deepening toward golden pink; wonderfully fragrant, with long pointed buds and stiff stems. Large, handsome foliage, showing that it is a wonderfully free bloomer and grower, and not prone to mildew.

Growth free and continuous and does splendidly grafted on the Manetti.

**Prince E. C. de Arenberg.** This Rose has a lively, clear color, scarlet, with deeper shadings, not inclined to turn blue, and is especially lively under artificial light, holding its color as long as the flower lasts. The bud is heavy and pointed, developing into a beautiful, full flower of great size and finish. This variety produces no deformed buds, and is a quick and continuous grower. The growth is heavy and free, with thick, leathery foliage, which is free from mildew or black-spot, and is one which anyone can grow in ordinary Killarney temperature.



MRS. GEORGE SHAWYER

**Richmond.** Most largely grown red for forcing in cultivation.

**Radiance.** A splendid and popular Rose; deep pink in color. Will produce three feet breaks without pinching; almost mildew-proof, and a wonderfully fine Rose to handle.

**Sunburst.** Finest yellow Rose; proved to be the "King" in its color. We can supply grafted stock of this variety, but would recommend that it be grown own root stock.

**White Killarney.** Similar to Killarney in all respects except color. Most largely grown white in cultivation today.

## *Roses for Outdoor Planting*

The fashion of garden Roses has changed very much the past few years, Rose buyers having discovered that the Hybrid Perpetual Roses, while they give a wonderful wealth of Roses in June, are of no use for the balance of the year. The demand today is for varieties that will furnish cut flowers from May to November; the only type of Roses that will do this are the Teas and Hybrid Teas.

We have been appointed the sole American Agent for Hugh Dickson, Ltd., of Belfast, Ireland, for the dissemination of their marvelous Rose Novelties, and this puts us in a position to supply any quantity and practically any variety desired.

The best Roses in the world today are grown in Ireland. This is an undisputed fact, and we are in a position to supply these Roses at the same price as the introducer, saving the American growers the cost of packing, ocean freight and custom charges. Stock is billed F. O. B. Madison, N. J.

The cultivation of Hybrid Tea Roses is as follows:

**THE SOIL.** The soil which best suits the Rose is a deep, unctuous loam, with free drainage, as Roses do not thrive where there is stagnant moisture. If these conditions are not to be had naturally, they must, as far as possible, be provided. In the first place, if drainage is bad, the soil must be thrown out to a depth of 18 inches, and, if it is not convenient to use tiles, about 5 or 6 inches of broken bricks or other rough material should be thrown in the bottom, and a layer of turf laid on top, grassy side down. On the top of the turf should be placed a layer of well-decayed farmyard manure, then a light layer of soil, and another layer of manure, on top of which should be placed the remainder of the soil, to which, if light and sandy, should be added a liberal supply of well-chopped-up turf, raising the whole of the bed to a height of about 12 inches above the original level of the soil. In case of heavy land, a layer of lime rubble should be added, as this will help to sweeten the soil.

**PLANTING** should be deferred until the soil is in proper condition to receive the plants, as it is a great mistake to plant in wet soil. Teas and Hybrid Teas should be planted about 18 inches apart and the Hybrid Perpetuals 2 feet apart, keeping all manure away from direct contact with the roots when planting. Firm the soil well around the plants and give a thorough watering.

**PRUNING.** All the short, prematurely ripened wood and all small shoots should be cut clean away, leaving just the strongest shoots, from 4 to 6 inches long. Pruning should be done immediately after the plants are set out, if it has not been previously done.

This close pruning does not apply to the Hardy Climbers or Ramblers; these should be shortened back if they have grown beyond their allotted space, and thin out the very small shoots.

**PROTECTION.** Before the ground freezes solid the soil should be pulled up around the base of the plants, 7 or 8 inches, and the surface of the bed afterward well covered with dried leaves or cornstalks. When so protected, even the most tender varieties of Hybrid Tea Roses are entirely hardy as far north as Winnipeg.





NELLIE PARKER

## *Dickson's Novelties for 1916*

Price: \$2.50 per plant, \$25.00 per doz., for 4-in. pot plants; December propagation, May 15 delivery. Field-grown plants, delivery October 15 to November 1, same prices.

### *Nellie Parker*

Strong, vigorous, upright-branching growth, large, handsome foliage, flowers large, very full and of most perfect form, freely and abundantly produced. Color pale, creamy white, with deeper cream center, frequently charmingly flushed with blush at the tips of the petals. A Rose of superlative merit and in our opinion one of the very best Roses which we have put in commerce. Silver Gilt Medal, N. R. S.

### *Mrs. Mona Hunting*

A garden decorative Rose of great charm and beauty; growth free and branching, producing its flowers in endless profusion. Flowers medium sized and very full, buds long and pointed, color deep chamois yellow, opening to pure fawn; a very distinct and novel coloring. A most charming novelty. Silver Gilt Medal, N. R. S.



PRINCE CHARMING

### *Prince Charming*

Vigorous, free-branching growth, foliage bright coppery red in the young state, flowering in greatest profusion. Buds full and beautifully formed, long and pointed; color deep red-dish copper, with old gold base; a beautiful and very attractive color. Flowers of medium size and ideal decorative value. A bedding Rose of superlative excellence.

**Price:** \$2.50 per plant, \$25.00 per doz., for 4-in. pot plants; December propagation, May 15 delivery. Field-grown plants, delivery October 15 to November 1, same prices.



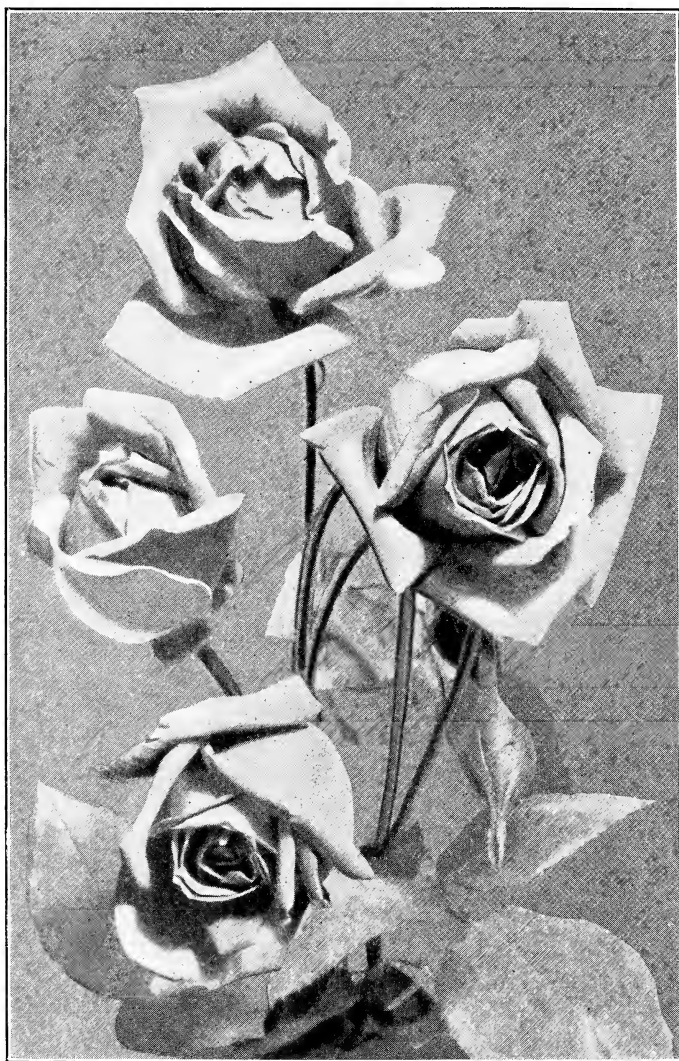


ULSTER GEM

### *Ulster Gem*

A single Rose of special charm and usefulness. Its large shell petals of deep primrose yellow and its prominent and abundant anthers opening to large flowers frequently 6 inches in diameter and of beautiful outline make a striking display and supply the most needed color in the bedding singles. The habit of the plant is excellent, growth free, vigorous and producing its flowers right throughout the season in endless profusion. Silver Gilt Medal, N. R. S.

**Price:** \$2.50 per plant, \$25.00 per doz., for 4-in. pot plants; December propagation, May 15 delivery. Field-grown plants, delivery October 15 to November 1, same prices.



CLEVELAND

## *Cleveland*

This is the Rose named by popular ballot at the great Cleveland Flower Show.

Vigorous, stout branching growth, with large and very handsome foliage which is mildew proof. Flowers large and full, of exquisite form, produced freely and continuously throughout the season. Color deep, coppery yellow at the base of the petals which are heavily flushed reddish copper on old rose, the petals showing a very distinct and charming metallic sheen. A distinct and very beautiful combination. 4-inch pot plants. May delivery.

**Price: 75c. per plant, \$7.50 per doz., \$40.00 per 100.**



## *Dickson's Introductions of 1915*

Price: \$1.50 per plant, \$15.00 per doz., for two-year-old, field-grown plants.  
Dormant stock specially imported for your order from January until March 15th.



GORGEOUS

### GORGEOUS

Claimed by Messrs. Dickson to be the most striking Rose in existence, and the finest variety they have ever distributed to the trade. Growth is strong and vigorous, with a free branching habit; handsome, dark, olive green foliage; flowers large and exquisitely formed; produced on long, rigid stems; of perfect habit and floescence, and classed as an exhibition Rose of the first magnitude. Delightfully fragrant. On first opening, the bud is heavily veined with clear yellow on a salmon ground, but when fully developed, the flower is an improved Juliet. As its name signifies, it is a "gorgeous" variety.

### MRS. GEORGE GORDON

(HYBRID TEA)

Free, vigorous, upright-branching growth, producing its flowers in the greatest profusion throughout the season, on strong growths. Flowers large, full and exquisitely formed, with high pointed center. Color bright rosy pink, flushed silvery pink at the edges of the petals, which are nicely reflexed; base of petals yellowish pink. A fine garden Rose, clean in growth and flower, of the best exhibition standard.

### MRS. HUGH DICKSON

(HYBRID TEA)

A grand Rose for any purpose; typical Hybrid Tea of the most delightful perfume, carrying its large, handsome flowers in great freedom. The petals are large and of excellent substance and the flower of superb build, with high pointed center and beautiful outline. Color deep cream, with a heavy suffusion of orange and apricot. We consider this one of the most beautiful and useful Roses which we have raised, and have named it with confidence as worthy to take its place in the front rank of garden and exhibition varieties.

## Hybrid Tea Roses

These are unquestionably the true perpetual hybrids; the strong infusion of Tea blood into the old perpetuals has, by judicious hybridization, produced in the last decade an entirely new race of Roses. No words of praise can adequately convey the extreme beauty and unique usefulness of this glorious section, which now dominates all other sections of bedding Roses. The superb vigor, the healthy and abundant growth and foliage, the profusion of bloom, the exquisite coloring and beautiful formation of the flowers and buds of this new race, at once place it without a rival in the Rose garden. Dormant stock up to April 1st.

We were awarded the Gold Medal for Outdoor Roses at the Panama Exposition. 1915.

Price: 50c. per plant, \$5.00 per doz., except where otherwise noted.

**Arthur R. Goodwin.** Coppery orange-red, passing to salmon pink as the flower expands; very free and perpetual; a fine bedding Rose.

**Antoine Rivoire.** Rosy flesh and yellow; large, full and free flowering.

**Bessie Brown.** Creamy white; large and very full.

**Betty.** Coppery yellow, overspread with golden rose; long, pointed buds.

**British Queen.** Pure white; large full flowers; one of the best.

**Brilliant.** Strong, handsome growth; clean, handsome foliage, which is entirely mildew-proof. Flowers large and full and produced continuously all through the season in endless profusion. Color most intense scarlet, brightest color yet achieved in Roses, the fiery brilliance of which is quite startling! It does not burn or turn blue in the sun. The most brilliant bedding Rose in existence. Gold Medal, N. R. S.

**Countess Clanwilliam.** Strong, vigorous, upright wood, producing its flowers in endless abundance. Flowers very large and full, buds long and pointed, opening to large, full, high-centered flowers of great beauty and refinement. Color delicate peach pink at the base of the petals, which are flamed

and heavily edged with deep cherry red, a beautiful contrast of color which brings out in great distinctness the strong individuality of this charming Rose. Gold Medal, N. R. S.

**Colleen.** Rose-pink, heavily shaded rosy crimson; large, full, well-formed flowers; an improved type of Killarney. \$1.50 per plant, \$12.00 per doz.

**Caroline Testout.** Salmon pink; large and very free.

**Chateau de Clos Vougeot.** Deep velvety crimson; medium-sized blooms.

**Chrissie MacKellar.** Deep ochry madder, veined crimson scarlet; flowers semi-double; free-branching growth. \$1.25 per plant, \$12.50 per doz.

**Commandeur Jules Graveaux.** Fiery crimson, shaded velvety maroon; large, loose flowers; very free.

**Countess of Annesley.** Rosy salmon, suffused old gold; large, full form and outline; sweet scented.

**Countess of Derby.** Salmon, shading to delicate peach; fine form.

**Countess of Gosford.** Clean salmon pink, suffused yellow; large flowers, abundantly produced.

**Countess of Ilchester.** Deep rosy carmine; very full and free.

**Countess of Shaftesbury.** Bright silvery carmine, mottled and flushed silvery pink; large and full; flowers profusely from June to October. Very refined flower.

**Dean Hole.** Light carmine, shaded rose and flushed old gold at base of petals; long pointed flower; very free.

**Dorothy Page Roberts.** Coppery pink, suffused apricot yellow; splendid garden Rose.

**Duchess of Wellington.** Intense saffron yellow, stained crimson; long pointed, full flowers.

**Duchess of Westminster.** Clear madder rose, full, well formed flowers; very novel flower.

**Exquisite.** Bright magenta crimson, large flowers; very distinct.

**Florence Pemberton.** Creamy white, flushed peach; very large.

**General MacArthur.** Deep velvety scarlet; free and erect branching.

**George C. Waud.** Glowing orange vermillion; large, full flowers.

**George Dickson.** Velvety black crimson, reverse of petals veined deep maroon; invaluable for exhibition. \$1.00 per plant, \$10.00 per doz.



KILLARNEY BRILLIANT



# TOTTY'S ROSES, MADISON, NEW JERSEY

## HYBRID TEA ROSES—Continued



MME. EDOUARD HERRIOT. (For description see page 44)

**Gruss an Teplitz.** Brightest scarlet crimson; splendid Rose for massing.

**Gustav Grunewald.** Bright carmine pink; yellow at base of petals.

**Harry Kirk.** Deep sulphur yellow; medium sized blooms.

**His Majesty.** Dark crimson, shaded vermillion; very free.

**J. B. Clark.** Intense deep scarlet, shaded blackish crimson; immense petals.

**Jonkheer J. L. Mock.** Cherry red, inside of petals silvery white; high pointed center.

**Kaiserin Augusta Victoria.** Creamy white; immense substance; petals smooth and nicely arranged.

**Killarney.** Pale flesh pink, flushed deeper pink; very free and perpetual.

**Killarney Brilliant.** A sport from the original Killarney, which is one of the most popular Roses in cultivation today. Killarney Brilliant is a duplicate of the original Killarney in all respects save color, which is far more intense and rich. This is a magnificent Rose, and will eventually displace the original Killarney. 50c. per plant, \$5.00 per doz.

**Konigin Carola.** Pale satin rose; very large and full.

**Lady Alice Stanley.** The outside petals are a deep rose-pink; inside pale flesh slightly flushed with a deeper shading, a most beautiful color combination. Blooms are very large and full, of great substance and productiveness, and one of the most fragrant Roses in existence.

**Lady Pirrie.** Outside of petals, deep coppery reddish-salmon, inside of petals flushed fawn on copper; large, full, long-pointed flowers, opening freely, and flowering in immense profusion.

**La France.** Bright satin pink with silvery reflex; large, full flowers; very free and a fine old garden Rose.

**Lady Ashtown.** Rosy pink, changing to pale pink; high pointed center; a splendid flower.

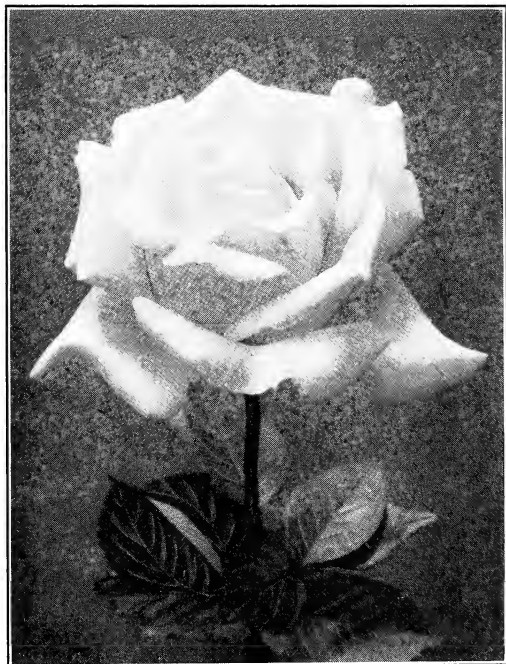
**Lady Battersea.** Deep cherry red; long pointed flower.

**La Tosca.** Soft pink, tinted rosy white.

**Laurent Carle.** Deep rosy carmine; full flowers.

**Lieutenant Chaure.** Clear crimson lake; long pointed flower of good habit.

**Lyon Rose.** Shrimp pink, shading to intense coral red; very large and full flowers.

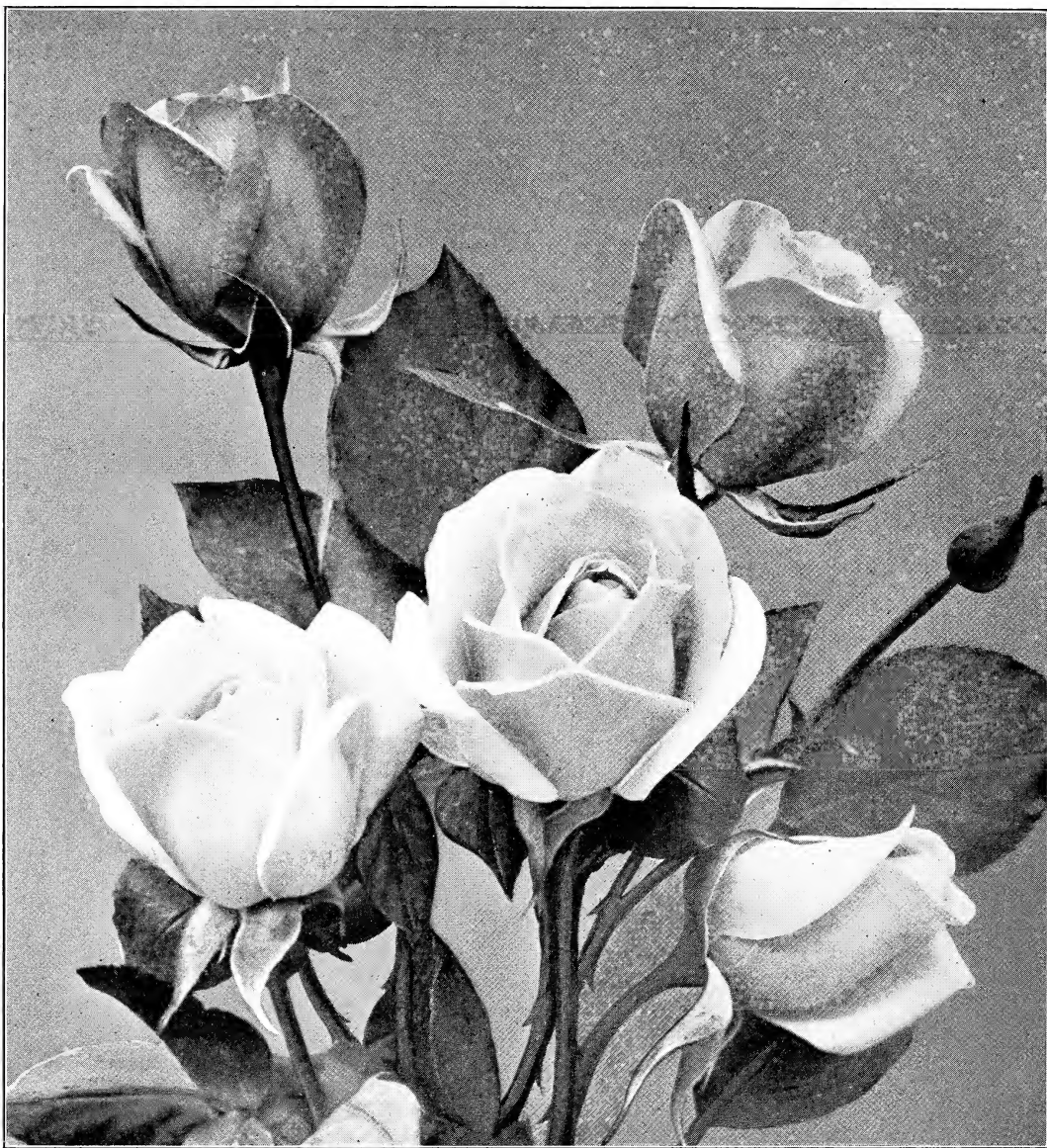


MRS. JAS. LYNAS—See page 44



## TOTTY'S ROSES, MADISON, NEW JERSEY

### HYBRID TEA ROSES—Continued



MRS. F. F. THOMPSON. (For description see page 45)

**Madame Abel Chatenay.** Carmine rose, shaded salmon; large, full flowers, opening freely.

**Madame Edmond Rostand.** Pale flesh, shaded yellow; center salmon and reddish orange yellow.

**Madam Edouard Herriot.** Syn. **Daily Mail Rose.** Color of this Rose is a gorgeous combination of reddish terra-cotta and bronze, with flame shadings; almost impossible to describe; foliage bright and glossy and practically mildew-proof. Artists have raved over this variety for the past two seasons in Europe. A marvelous Rose as grown in California. \$1.00 per plant, \$10.00 per doz.

**Madame Jules Grolez.** Bright china rose; nicely reflexed petals.

**Madame Melaine Soupert.** Saffron yellow, suffused pink and carmine; reverse of petals flame color.

**Mrs. James Lynas.** Strong, vigorous, upright, branching growth. Flowers very large, full and beautifully formed, producing freely and continuously throughout the season. Color pearly pink at base of petals, flushed delicate rosy pink at the edges and on the reverse of the petals. One of the most valuable garden Roses and an exhibition Rose *par excellence*. Gold Medal, N. R. S.



## TOTTY'S ROSES, MADISON, NEW JERSEY

### HYBRID TEA ROSES—Continued

**Mrs. Archie Gray.** Wonderfully strong growth; large, shiny, handsome foliage. Flowers large and exquisitely formed, and borne in great profusion; buds long and pointed. Color deep, creamy yellow, opening to clear, light canary yellow. Fine habit and opens freely in all weathers, as the petals are firm and of good substance. Gold Medal, N. R. S.

**Mrs. F. F. Thompson.** (Totty.) This variety sported with us from Mrs. Geo. Shawyer some three years ago and is an exact duplicate of that variety in all respects save color. The color is a lovely shade of shell pink with a deep glowing heart of bright pink which lights up the flower wonderfully. The growth is very vigorous and, like its parent, it is a persistent bloomer, flowering all the time. Best outdoor Rose of its shade.

**Madame Ravary.** Clear orange yellow; medium sized blooms.

**Madame Segond Weber.** Pure, light rosy salmon; vivid center.

**Marquise de Sinety.** Very deep saffron yellow, flushed reddish copper; glorious color.

**Marquise Litta.** Carmine rose; long pointed, large, full flowers.

**Mrs. Aaron Ward.** Deep Indian yellow; medium sized blooms; very full; fine garden and bedding Rose.

**Mrs. Chas. Russell.** Rosy carmine, with rosy-scarlet center; fine exhibition, garden and forcing Rose.

**Mrs. Cornwallis West.** Rosy shell pink, shading to pure white with age; very free, full flowers.

**Mrs. George Shawyer.** Bright clear rose; high pointed center.

**Mrs. Sam Ross.** Shading from light straw yellow to deep chamois yellow; large and beautifully formed flower.

**Mrs. Wakefield Christie-Miller.** Soft, pearly blush, shaded salmon; loose flowers of very distinct appearance.

**Mrs. Walter Easlea.** Glowing crimson carmine, changing to intense crimson orange; large and full.

**My Maryland.** Bright pink; handsome variety.

**Old Gold.** Vivid reddish orange, with coppery apricot shadings; medium sized flowers.

**Ophelia.** Salmon flesh, shaded rose; fine variety.

**Prince E. C. de Arenberg.** This Rose has a lively, clear color, scarlet, with deeper shadings, not inclined to turn blue, and is especially lively under artificial light, holding its color as long as the flower lasts. The bud is heavy and pointed, developing into a beautiful, full flower of great size and finish. This variety produces no deformed buds, and is a quick and continuous grower. The growth is heavy and free, with thick, leathery foliage, which is free from mildew or black-spot.

**Pharisaer.** Rosy white, shaded salmon; ideal bedder.

**Prince de Bulgarie.** Silvery flesh, delicately shaded salmon and coppery yellow.

**Radiance.** Bright pink, full flowers, freely produced.

**Richmond.** Pure scarlet red; fine form and fragrance.

**Rhea Reid.** Deep rosy-crimson; large, full flowers, freely produced.

**Senateur Mascurand.** Amber yellow with yolk of egg center; large, full, free, long-pointed flowers; exceptionally productive.

**Sunburst.** Deep cadmium yellow, with orange center; large, beautiful flowers; very free flowering.

**Viscountess Enfield.** Coppery old rose, shaded yellow, tinted carmine on inner petals; a splendid garden variety.

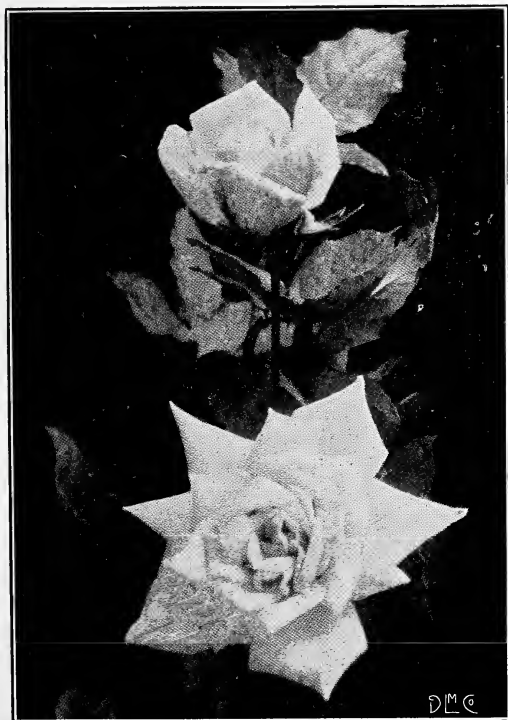
**Viscountess Folkestone.** Creamy white, with deep salmon-pink center; very prolific producer.

**White Killarney.** Pure milk white; very free and good.

**Willowmere.** Free and perpetual; color coral red, opening to shrimp pink; resembles the Lyon Rose very much. \$2.00 per plant, \$21.00 per doz.

**William Shean.** Pure pink, delicately veined ochre; large, full flower.

**William Cooper.** Vigorous, free-branching growth; handsome foliage. Flowers large and wonderfully formed with high pointed center. Color deep lake red. A fine, bold, handsome flower, produced in endless profusion. One of the very finest garden Roses of recent years, producing freely and continuously throughout the season. Gold Medal, N. R. S.



SUNBURST

## Hybrid Perpetual Roses

### THE WELL-KNOWN JUNE ROSES

Price: 50c. per plant, \$5.00 per doz., except where otherwise noted

**Alfred Colomb.** Bright red; very large and globular; free blooming and reliable.

**Alfred K. Williams.** Carmine red; large, full and perfect form; free flowering; very fragrant.

**Baroness Rothschild.** Pale flesh, most chaste and beautiful.

**Duke of Edinburgh.** Rich, brilliant vermilion; large and attractive.

**Duke of Wellington.** Rich velvety crimson; large, fine form.

**Fisher Holmes.** Crimson, shaded scarlet; very free.

**Frau Karl Druschki.** Pure snow white; long pointed buds; large, full flowers.

**General Jacqueminot.** Brilliant scarlet crimson; very fragrant.

**Hugh Dickson.** Intense crimson, shaded scarlet; finest of all crimson varieties.

**Jeannie Dickson.** Silvery rose; very free flowering.

**Louis Van Houtte.** Deep crimson, shaded maroon.

**Madame Eugene Verdier.** Bright satiny rose; flowers very large, full and perfectly formed petals of great substance; very fine.

**Margaret Dickson.** Pure white; fine form; very free grower.



FRAU KARL DRUSCHKI

**Merveille de Lyon.** Pure white, cup-shaped; very hardy and free.

**Mme. Alfred Carriere.** White, tinted pink and yellow at base of petals.

**Mme. Gabriel Luizet.** Light silvery pink; very full and distinct.

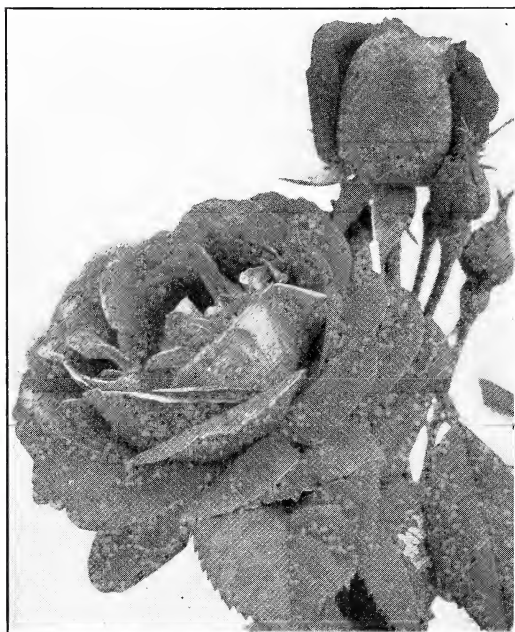
**Mrs. John Laing.** Soft pink; well formed; one of the best.

**Mrs. R. G. Sharman Crawford.** Clear rosy pink, shading to pale flesh.

**Paul Neyron.** Deep rose; immense size; hardy and vigorous.

**Ulrich Brunner.** Cherry red; very large and of fine form.

**Victor Hugo.** Brilliant crimson, shaded scarlet; large; of fine form; good habit; free and a valuable variety.



ULRICH BRUNNER



## TOTTY'S ROSES, MADISON, NEW JERSEY

### *Tea Scented and Noisette Roses*

The Tea Roses are easily distinguished by their peculiar and delicate shades of color and their beautiful foliage, but more especially by their delicate fragrance.

Price: 50c. per plant, \$5.00 per doz.

**Golden Gate.** Creamy white; base of petals pale yellow, edged pink.

**Lady Hillingdon.** Deep orange yellow; medium size; splendid for cutting.

**Lady Roberts.** Rich apricot, base of petals shaded orange.

**Madame Constant Soupert.** Deep golden-yellow, tinted and retouched rosy pink; large, full and beautiful; buds long and pointed; a magnificent variety in every way.

**Madame de Watteville.** Shell pink; very fine.

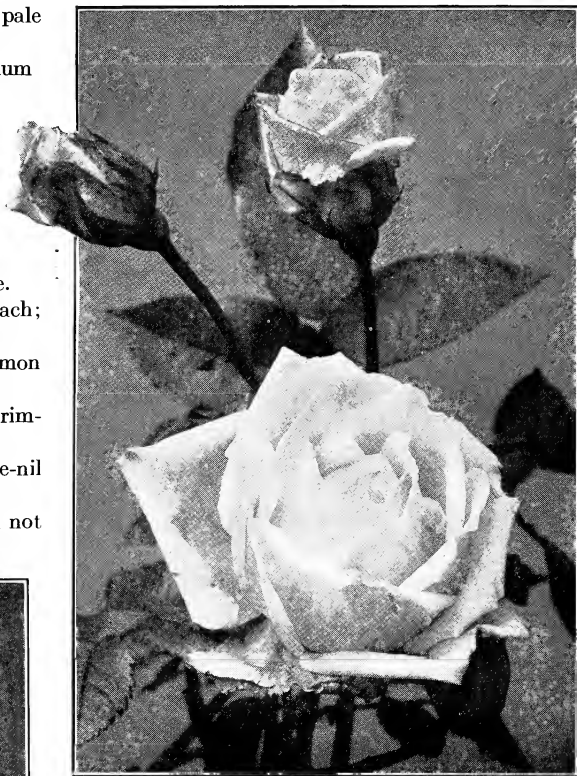
**Madame Hoste.** Straw yellow, center rosy peach; very large.

**Maman Cochet.** Carmine, suffused with salmon yellow.

**Melody.** Deep canary yellow, changing to primrose.

**Molly Sharman Crawford.** Delicate eau-de-nil white, opening to dazzling white.

**Miss Alice de Rothschild.** Yellow, that will not fade; perfectly formed.



W. R. SMITH

**Niphetos.** Pure white; long pointed buds; very free.

**Safrano.** Bright apricot yellow; very free.

**White Maman Cochet.** Pure white and a splendid variety in every way.

**W. R. Smith.** Creamy white, flushed and suffused rosy pink.



MELODY

Dormant Stock imported  
specially to your order from  
January 1st to March 15th

## ***Baby Rambler and Dwarf Polyantha Roses***

These are delightful for massing in beds, or as edges for borders. They are most profuse and continuous bloomers and their small, neat flowers are produced in large clusters.

**Price:** 40c. per plant, \$4.00 per doz., \$30.00 per 100.

**Clothilde Soupert.** Outer petals white with center petals flushed rose; full and imbricated; flowers large and beautiful.

**Cecile Brunner.** Bright rose, shaded pale pink.

**Edward VII.** Clear, delicate pink; very free flowering.

**Frau Cecile Walter.** Pure canary yellow, changing to salmon pink.

**George Elgar.** Golden coppery yellow, passing to clear yellow with age; the purest yellow in this class and a fine bedding Rose.

**Jessie.** Glowing crimson; the finest red to grow.

**Jeanne d'Arc.** Pure white; large trusses of well-formed flowers.

**Katherine Zeimet.** Pure white; small and double; very free and good.

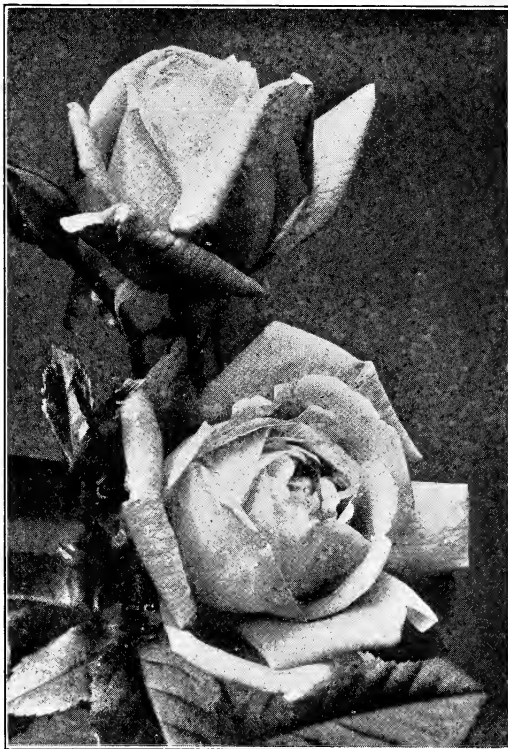
**Maman Levavasseur.** Vivid carmine. Sometimes called "Baby Dorothy."

**Marie Kannen.** Pure white; small double flowers in clusters.

**Mignonette.** Soft rose, changing to white.

**Mrs. Cutbush.** Clear, deep pink; fine growth and habit.

**Orleans Rose.** Brilliant rosy red; immense trusses of bloom.



RAYON D'OR—See page 49

**Phyllis.** Bright carmine pink, of erect, branching growth; one of the freest and finest in this section.

**Rodhatte.** Clear, shining cherry red; semi-double; growth of Hybrid Tea.

**Yvonne Rabier.** Pure white; very free branching.

## ***Austrian Briar Roses and the Pernetiana Hybrids***

The original varieties of this type require little pruning, merely thinning out the shoots and leaving the remainder of the growths their full length, as these varieties flower on the lateral eyes of the previous year's growth. The newer Hybrids vary considerably in habit and type, and promise to produce an entirely distinct race of free growing and free flowering, which will be of unique beauty and usefulness in the garden.

**Price:** 50c. per plant, \$5.00 per doz.

**Austrian Copper.** Bright reddish copper; single flowers; very striking and beautiful.

**Austrian Yellow.** Very deep yellow; single; free and beautiful.

**Beaute de Lyon.** Superb coral red, slightly shaded with yellow.

**Deutschland.** Opens whitish yellow, changing to deep yellow and rosy pink; large, double flowers; very distinct.

**Entente Cordiale.** Rosy carmine, yellow gold toward the base of the petals; very free and vigorous.



JULIET—See page 49



## TOTTY'S ROSES, MADISON, NEW JERSEY

### AUSTRIAN BRIAR ROSES AND THE PERNETIANA HYBRIDS—Continued

- Harrisonii.** Golden yellow; semi-double; very pretty.
- Juliet.** Old gold on outside of petals, interior rich rosy red.
- Persian Yellow.** Deep golden yellow; very fine.
- Rayon d'Or.** Deep orange, smeared claret red, opening to Sunflower yellow.
- Soleil d'Or.** Orange yellow, changing to reddish gold and Nasturtium red.

### Rugosa Roses

The Japanese Roses have become very popular during the past year or two, and throughout the whole range of Single Roses there are none which can compare in form and size with the pink and white varieties of Rugosa. The broad, shining, dark green foliage and dense, spreading habit of growth make it a striking shrub even when not in bloom and the large seed pods are very bright and beautiful.

**Price: 50c. per plant, \$5.00 per doz.**

- Atropurpurea.** Blackish crimson, changing to maroon crimson as the flowers expand; very distinct.
- Belle Poitevine.** Clear rose color; large and sweet flowers, double and produced in clusters; continuous bloomer.
- Blanc Double de Coubert.** Paper white; long pointed buds; semi-double; one of the finest.
- Carmen.** Brilliant blood red; single flowers; very free.
- Conrad F. Meyer.** Clear, silvery rose; very large and fragrant.
- Delicata.** Soft rose; double blooms of good size.
- Madame Charles Worth.** Rosy carmine; semi-double; flowers profusely.
- Madame Georges Bruant.** White; semi-double; very free and distinct.
- Rose Apples.** Pale carmine rose; flowers freely.
- Rugosa rubra.** Deep rosy carmine; single petalage.

### Lord Penzance's Hybrid Sweet Briar Roses

The Sweet Briar, or Eglantine, is acknowledged by all to possess one of the sweetest perfumes in nature. These new Sweet Briars, raised by the Right Honorable Lord Penzance, possess this exquisite perfume, and, in addition, the flowers, which have a very diversified range of color, are produced in great profusion.

**Price: 50c. per plant, \$5.00 per doz.**

- Amy Robsart.** Lovely deep rose; an abundant bloomer.
- Anne of Gierstein.** Dark crimson; pretty clusters; large foliage.
- Brenda.** Peach blossom, with bright, yellow anthers.
- Catherine Seyton.** Soft, rosy pink; free and perpetual bloomer.
- Edith Bellenden.** Pale rose; shoots long and pendulous.



RUGOSA ALBA

- Flora M'Ivor.** Pure white, blushed with rose.
- Green Mantle.** Bright pink, with white center.
- Janet's Pride.** White, richly tipped and shaded with crimson.
- Julie Mannering.** Soft shell pink; free and distinct.
- Lady Penzance.** Soft copper tint, with bright metallic luster, yellow at base of petals; very beautiful.
- Lord Penzance.** Soft shade of fawn, tinted yellow and pink.
- Lucy Ashton.** Pretty pink flowers, with white centers.
- Lucy Bertram.** Bright, deep crimson, with white center.
- Meg Merrilies.** Gorgeous crimson; free flowering.
- Rose Bradwardine.** Beautiful, clear rose; very profuse bloomer.

### Moss Roses

Their beautiful buds and delicious fragrance render these great favorites, and deservedly so; there is nothing more beautiful than a Moss Rose-bud. They require close pruning and plenty of manure.

- Baron de Wassenaer.** Light crimson, flowering in clusters; very showy.
- Blanche Moreau.** Pure white; well mossed; good form.
- Crested.** Pale, rosy pink; well mossed.
- Deuil de Paul Fontaine.** Deep crimson; vigorous grower.
- Gloire des Mosses.** Pale rose, shaded blush; very large and full.

## TOTTY'S ROSES, MADISON, NEW JERSEY

### *MOSS ROSES—Continued*

- Laneii.** Rosy crimson, tinted purple; very large and double.  
**Old Pink.** Pale rose; a splendid old Moss.  
**Perpetual White.** White, flowering in clusters; well mossed.  
**Zenobia.** Satin rose, soft and pretty; large and well mossed.

### *Single Roses*

Prices: 50c. per plant, \$5.00 per doz., except where otherwise noted.

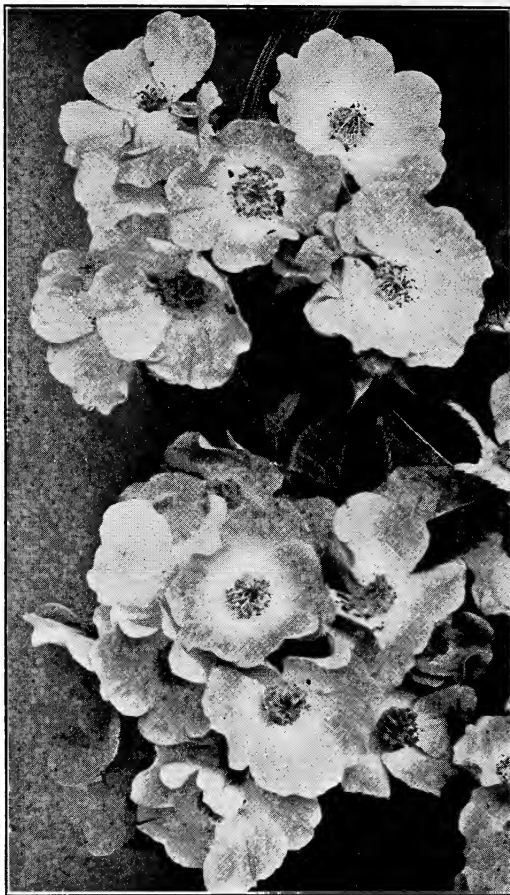
- Irish Beauty.** Pure white; distinct and prominent yellow anthers.  
**Irish Brightness.** Crimson, shading pink at base of petals.  
**Irish Elegance.** Apricot, shaded copper bronze.  
**Irish Engineer.** Brilliant scarlet; large and attractive; dwarf habit.  
**Irish Fireflame.** Deep maddery orange, splashed with crimson; large, handsome flowers of great beauty.  
**Irish Glory.** Bright, silvery pink; prominent yellow anthers.  
**Irish Harmony.** Saffron yellow, opening to creamy white.  
**Maharajah.** Deep velvety crimson with prominent yellow anthers; very large and beautiful.  
**Simplicity.** Pure white; immense flower; finest of all single varieties for garden planting.

### *Climbing Wichuraiana*

Among the many types of Roses recently brought into prominence, none are more useful or beautiful than the Wichuraiana and its many delightful hybrids. The original variety of the type, Rosa Wichuraiana, is a single Rose of free growing, distinctly creeping habit, and this latter peculiarity has been more or less preserved in its progeny, which are peculiarly suitable for rockwork or creeping over banks of earth or tree stumps, as they adapt themselves to every unevenness of ground.

Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100, except where otherwise noted.

- American Pillar.** Bright pink, flowering in large clusters.  
**Aviateur Bleriot.** Saffron yellow, center golden yellow; the best yellow in this section; medium size.  
**Carissima.** Delicate flesh; double flowering.  
**Debutante.** Soft pink; growth vigorous and trailing.  
**Dorothy Perkins.** Clear, bright pink; trailing growth; profuse bloomer.  
**Dorothy Dennison.** Delicate shade of shell pink fresh coloring.  
**Evergreen Gem.** Buff, changing to white; distinct and beautiful.  
**Excelsa.** Bright scarlet; flowers very double.  
**Gardenia.** Bright yellow, changing to creamy white.



AMERICAN PILLAR

- Hiawatha.** Deep crimson, shaded white at base of petals.  
**Lady Gay.** Delicate pink; larger in flower than Dorothy Perkins.  
**Lady Godiva.** Soft, pale pink; like Dorothy Perkins in growth.  
**Lucile.** Very vigorous and free; bright Carnation pink.  
**Mrs. M. H. Walsh.** Pure milk white; large, full flowers. \$1.00 per plant, \$10.00 per doz.  
**Shower of Gold.** Deep golden yellow; very double, free and lasting.  
**Silver Moon.** Pure white in color; with yellow stamens in the center, showing up a very attractive variety. Foliage bronzy-green; stems of flowers very long and fragrance very lasting.  
**Source d'Or.** Deep, golden yellow; very clear and distinct.  
**Troubadour.** Bright crimson; the finest in its color.  
**White Dorothy.** Pure white sport of Dorothy Perkins.  
**Wichuraiana.** Single white, with yellow anthers; fine for rockwork.





LARKSPURS

## *Delphiniums, or Perennial Larkspurs. Hardy Herbaceous*

The Delphinium, as represented by the newest hybrids, is one of the most beautiful of all flowers for the hardy garden. The wonderful spikes, often 6 feet in height, with their marvelous colors, light and dark blue, furnish a picture not easily forgotten. No variety of flower gives us so many charming shades of blue, and when one considers that the Delphinium is as hardy as Oak trees, the wonder is that they are not more extensively grown, since their culture is very, very simple; after planting about the only attention they require is to be staked and watered. By cutting off the spikes close to the ground, as soon as every crop of flowers has developed, a practically continuous succession of bloom can be procured.

The following varieties are offered in dormant clumps for early Spring delivery.

**Price: 50c. per clump, \$5.00 per doz., except where noted**

**Belladonna Capri.** The most beautiful novelty of the Belladonna section. This is considered the best single sky-blue Delphinium yet offered. The habit is branching, similar to Persimmon, and the flowers extend over a long period. \$1.00 per clump, \$10.00 per doz.

**Emily.** Color rich blue, shaded rose; one of the most attractive varieties ever offered.

**Francis F. Fox.** Fine, dark blue, with specially large flowers; very vigorous habit. Height 6 feet.

**King of Delphiniums.** Quite distinct among the newer types of Delphiniums; under favorable conditions they will run as high as 8 feet; flowers of gigantic size; color rich gentian blue with striking white center.

**Lamartine.** One of the best in cultivation, both in habit and color, the latter being a deep sky blue, with pure white center.

**Le Danube.** Beautiful pale blue, with a center of Lilac pink; a difficult variety to propagate.

**Leslie.** Splendid azure blue, the individual flowers of which are more than 2 inches across; a majestic grower that always demands attention.

**Moerheimi.** The first pure white Delphinium; habit exactly the same as Capri; color pure white, without any other shading. The long, handsome sprays are borne in profusion, over a long period of growth, making it invaluable for cutting.



## TOTTY'S DELPHINIUMS, MADISON, NEW JERSEY

### DELPHINIUMS OR PERENNIAL LARKSPURS

*Continued*

**Mrs. Creighton.** Charming variety for massing in clumps; deep Oxford blue, with a bright brown center.

**Queen Wilhelmina.** Large-flowering, sky-blue variety, delicately veined with lilac, with a beautiful white eye. This variety must be classed as one of the finest.

**Rev. E. Lascelles.** Very strong grower, 6 feet or more in height; color distinct blue with white center; most stately and impressive border plant.

**Statuaire Rude.** Claimed by many to be the finest Delphinium ever introduced; color soft, pale heliotrope; individual flowers are of enormous size and the spikes have been exhibited carrying 28 to 30 inches of flower, fully developed, at one time. \$2.00 per clump, \$20.00 per doz.

One each of the above twelve varieties, \$7.00.

### DELPHINIUM SEEDLINGS

We offer for delivery April 1st, a collection of seedlings raised from the finest varieties in the world. The individual types are kept separate, and while Delphiniums cannot be depended on to come true from seed, a large proportion will be as good as the parent and many will show a decided improvement. Seedlings are invariably stronger in growth than the original named varieties; the constitution of the latter being very often impaired by excessive propagation.

Price: 30c. each, \$3.00 per doz., \$20.00 per 100.

**Dusky Monarch Type.** A wonderful variety, royal purple in color, with a deeper center. Enormous spikes which will come 6 inches through.

**J. W. Kelway Type.** Dark blue, shading toward purple, with a large, striking white eye.

**Kelway's Masterpiece.** Lavender purple, with lighter shadings in the center; very beautiful and quite distinct.

**Britannia Type.** One of the richest blues we have; strikingly beautiful, with large, white eye.

**King of Delphiniums Type.** Seedlings of this variety can be depended on to produce some wonderful sorts. Rich gentian blue with a striking white center.

**Smoke of War Type.** Deep, rich purple, with a deeper colored center; most appropriately named, on account of the bluish-gray shadings in the flower.

**Duke of Connaught Type.** Outer petals bright velvety blue; inner petals shading to rosy purple, with a very dark eye; semi-double and a charming variety.

**Knight of the Grand Cross Type.** Tips of petals Prussian blue, shading into purple and violet, with a white center; very large and distinct variety.

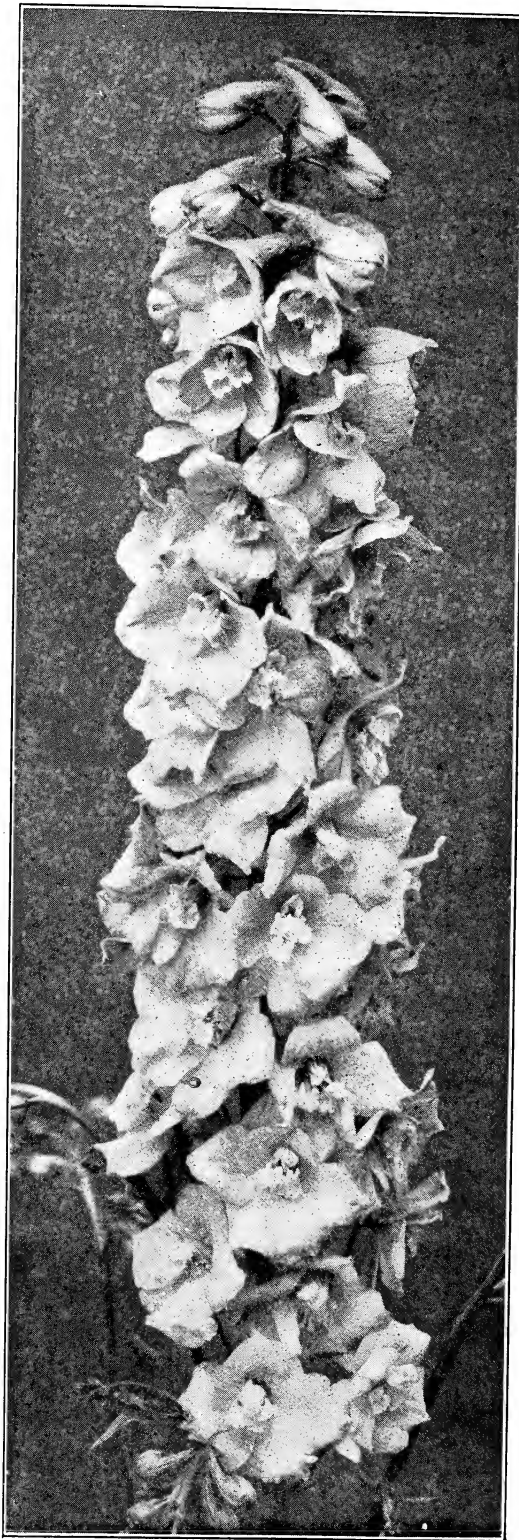
**Huish Beauty Type.** Bright blue, with a rosy purple edge and white center; branching habit and very valuable for cutting.

**Queen Alexandra Type.** Light blue with white center; one of the daintiest and most effective varieties ever raised.

**Queen Wilhelmina Type.** Sky blue, veined lilac; one of the very best we have to offer.

**Statuaire Rude Type.** Color soft, pale heliotrope; very large flowers and wonderfully productive.

One each of the above twelve varieties, \$3.25.



DELPHINIUM



# Tall Large-Flowering Bearded Flag Irises

(FLEUR DE LYS)

Bearded Irises thrive in well drained, sunny and very dry locations. The finest blooms are obtained from long established clumps; consequently, when planted, they should remain undisturbed for four or five years. No hardy perennial makes greater returns or is more long suffering. Their beauty rivals that of the Orchid. When transplanting barely cover the rhizomes.

**Price:** 15c. each, \$1.50 per doz., except where otherwise priced.

In the descriptions, S. is used to designate the standards or upright petals; F. the falls or drooping petals.

**Aurea.** S. and F. clear rich yellow; a beautiful variety. Height 2 feet. 25c. each, \$2.50 per doz.

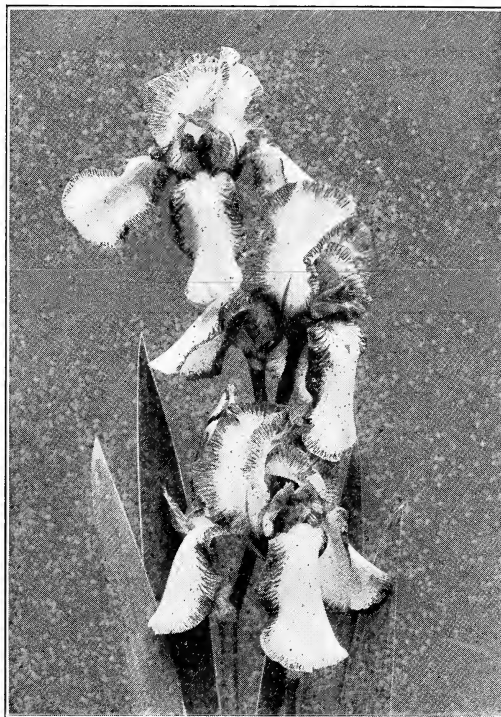
**Bridesmaid.** S. white, shaded silvery lilac; F. reticulated at the base, soft lilac. 27 inches. 25c. each, \$2.50 per doz.

**Flavescens.** S. and F. pale yellow, fragrant; fine for cutting. 30 inches.

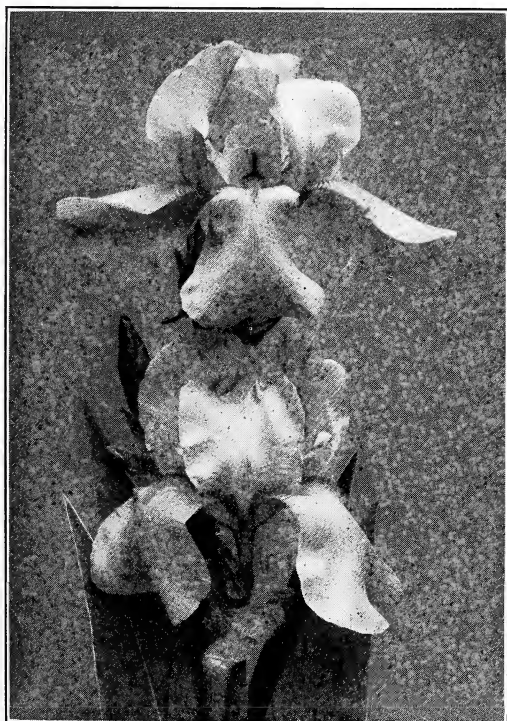
**Florentina purpurea** (Common Blue Flag). S. violet; F. purple; early and free flowering. 2 feet.

**Florentina alba** (syn. Silver King). S. and F. white, tinged with blue, fragrant; beautiful for cutting and is lovely planted with pink Darwin tulips. 2 feet.

**Her Majesty.** New. S. soft rose; F. deeper rose, heavily veined; large, handsome flower. 30 inches. 35c. each.



MADAME CHEREAU



PALLIDA DALMATICA—See page 54

**Idion.** S. deep yellow; F. yellow, slightly reticulated cinnamon brown; very free; good in mass planting with Othello and Dalmatica in the rear. 2 feet.

**Irish King.** New. S. yellow; F. rich maroon, bordered yellow; a beautiful and striking flower. 2 feet. 50c. each.

**Jacquiniana.** S. bright coppery crimson; F. rich maroon; large and handsome. 30 inches. 35c. each.

**Kochii** (syn. Atropurpurea). S. and F. rich claret purple; early flowering. 2 feet.

**Madame Chereau.** S. and F. white frilled azure blue; very lovely. 3 feet.

**Mrs. H. Darwin.** S. pure white; F. slightly reticulated violet at base; beard orange. 2 feet.

**Madame Pacquette.** S. and F. bright rosy claret; deliciously fragrant. 30 inches. 25c. each.



## TOTTY'S IRISES, MADISON, NEW JERSEY

### TALL LARGE-FLOWERING BEARDED FLAG IRISES—Continued

**Othello** (syn. *Sappho*, *neglecta* variety). S. rich blue; F. deep dark velvety purple; handsome. 30 inches.

**Pallida Dalmatica** (syn. *Princess Beatrice*). S. and F. soft lavender; very fragrant; exquisite as a cut flower; superb in the hardy border. 3 to 4 feet. 25c. each, \$2.50 per doz.

**Queen of May**. S. and F. soft lilac-rose, fragrant; one of the most charming of the "pink" pallidas. 32 inches. 25c. each, \$2.50 per doz.

**Sappho** (*squalens* variety). S. pale lavender, flushed with yellow; F. yellow at base, shading in-

to deep lavender, veined with purple; a delicately beautiful orris-scented flower. 30 inches.

**Swerti**. S. and F. white with a frill-like margin lilac. 32 inches. 25c. each, \$2.50 per doz.

**Thorbeck**. S. white; F. velvety purple; handsome. 3 feet. 35c. each.

**Trautlieb**. New. S. and F. lovely uniform soft rose; an exquisite Iris. 18 inches. 50c. each, \$5.00 per doz.

**Victorine**. S. white, blotched with purple; F. royal purple; very beautiful and rare. 30 inches. 35c. each.

### DWARF IRISES

**Pumila**. S. violet blue; F. deep violet purple, white beard. Height 4 inches. 15c. each, \$1.50 per doz.

**Cristata** (*Evansia*). A dainty creeping species; flowers rich amethyst blue, striped orange; in-

creases rapidly; a little gem for borders, rockwork or low massing. It is happier in locations that are shaded a part of the day. Given these conditions and time to mass, it will delight all who try it. 15c. each, \$1.50 per doz.



IRIS CRISTATA





MICHAELMAS DAISY BORDER

## *Hardy Asters, or Michaelmas Daisies*

These lovely, fall-flowering subjects, which are natives of North America and absolutely hardy in any section of the country, deserve very much more extensive culture. The following varieties are the cream of the most famous collection in Europe.

We will be pleased to give recommendations as to which are the best varieties to grow for particular purposes.

Varieties of the *Novæ-Angliæ* or the *Novi-Belgii* type furnish the finest varieties to grow for cutting in long sprays.



## TOTTY'S HARDY ASTERS, MADISON, NEW JERSEY

### *Novelty Aster Amellus King George*

By far the best and largest of this type of Aster, bearing large trusses of violet-blue flowers; each flower being over 3 inches in diameter and petals one-eighth of an inch wide. The disc of bright, golden yellow illuminates the flower wonderfully. This is the most beautiful and distinct Hardy Aster ever introduced, and is a wonderful advance over any other variety of this type.

**Price: \$1.00 per plant, \$10.00 per doz.**

### *New Varieties*

**Price: 30c. per plant, \$3.00 per doz., \$25.00 per 100.**

**Colwall Pink.** A lovely clear pink, flowering during September. Is one of the best additions to the perennial Asters. Its medium-sized flowers are produced very freely; pyramidal habit and very distinct. Height 3 feet 6 inches.

**Doris.** This pure white variety with splendid habit and sprays is one of the best of the large flowering whites, coming into flower the first week in September. Certificated at Madison, September 8. Height 3 feet.

**Eileen.** Old rose color; medium-sized flowers produced in great profusion on very graceful sprays; flowering end of August. Height 3 feet.

**Francis Sands.** Lovely Cornflower blue; very novel color in Asters. Nice-shaped flowers of medium size; very striking pyramidal habit, flowering in September. Height 4 feet.

**Peggy Ballard.** One of the finest Asters recently introduced. Its rosy-lilac flowers are quite double for many days, then they pass to semi-double with golden anthers. The flowers are borne on fine, stiff stems, 3 feet high. The variety received an Award of Merit at the R. H. S., London, for being the finest Aster ever shown.

### *Standard Sorts*

**Price: 15c. per plant, \$1.50 per doz., \$10.00 per 100.**



ASTER AMELLUS KING GEORGE

**Climax.** Beautiful light blue; when well grown will measure 2 inches across; one of the most striking varieties raised.

**Flossie.** Pure white; in full flower by September 1st.

**Feltham Blue.** A splendid dark blue, branching right down to the ground.

**Innocence.** Pure white; fully open September 1st.

**Mrs. H. Morris.** Rich pink; very free.

**Mrs. J. F. Raynor.** Fine, rosy pink.

**Market White.** Very largely grown for cut flowers in our European centers.

**Moonstone.** Grayish white, with a yellow center; large, flat flowers. One of the very best.

**Mrs. Davies Evans.** Beautiful heliotrope blue; flowering September 1st.

**Margaret Matthews.** Entirely distinct foliage; very large flowers, 2 inches across, set closely together. One of the finest varieties produced.

**Nancy.** Extra good lilac-blue and very strong grower. In flower September 5th. Height 4 feet.

**Novæ-Angliæ Roseus.** Striking variety; deep rose; the finest variety in the collection. We recommend every grower to have this variety.

**Ryecroft Purple.** Very strong grower; flowers 2 inches across; freely produced.

**Top Sawyer.** Lavender pink; flowers rather ragged, but produced in immense profusion.

**Wm. Marshall.** Delicate shade of mauve; very strong grower.

**Wm. Bowman.** Rosy purple.

**White Beauty.** The largest and best variety in its color.



## General Collection of Hardy Perennials

Write us for Perennials not here listed, as we can supply many other sorts.

Price: 15c. per plant, \$1.50 per doz., \$10.00 per 100.

### ANCHUSA

#### Dropmore Variety

Rich gentian blue; a color very much sought for in gardens.

### ANEMONE

#### (Japanese Windflower)

The most beautiful hardy plants in existence; excellent for cutting.

**Alba.** Single white.

**Alice.** Large silvery-rose.

**Queen Charlotte.** Semi-double, beautiful light pink.

**Whirlwind.** Semi-double, pure white.

### AQUILEGIA (Columbine)

**Cærulea.** True Rocky Mountain Columbine with white corolla.

**Californica Hybrids.** Assorted colors: yellow, pink, etc.; long spurs.

**Rose Queen.** Beautiful rose shade with long spurs.

**Vulgaris.** Violet blue; one of the strongest growers.

**Vulgaris alba.** White; very good.

### BELLIS (English Daisy)

**Perennis.** Double-flowered, pink and white.

### CAMPANULA

**Carpatia.** True blue; dwarf species, 6 to 8 inches high.

**Alba.** Pure white form; very similar to Carpatia.

**Medium.** Blue, lilac, white and rose.

### CHRYSANTHEMUM MAXIMUM

#### (Moonpenny, or Shasta Daisy)

**King Edward VII.** Vigorous grower; enormous flowers; one of the very finest types in this section.

**Alaska.** Pure white.

**Shasta.** Snow white flowers; blooming continuously throughout the entire Summer.

### COREOPSIS

**Lanceolata grandiflora.** Large golden yellow; valuable for cutting.

### DIGITALIS (Foxglove)

Beautiful old-fashioned flower and among the most popular of any type.

**Gloxiniæflora.** Purple, rose and white.

**Maculata superba.** Assorted colors.

**Monstrosa.** Assorted colors; long spikes.

### GALEGA

**Officinalis.** Blue or white.

### GYPHOPHILA

**Paniculata.** Beautiful white, for use in connection with other cut flowers for bouquets; this is unexcelled.

**Flore plena.** Double large form of the above and much more useful for decoration.

### HEMEROCALLIS

#### (Yellow Day Lily)

**Aurantiaca.** Orange color, shaded bright yellow.

**Flava.** Best known variety; very fragrant; deep yellow.

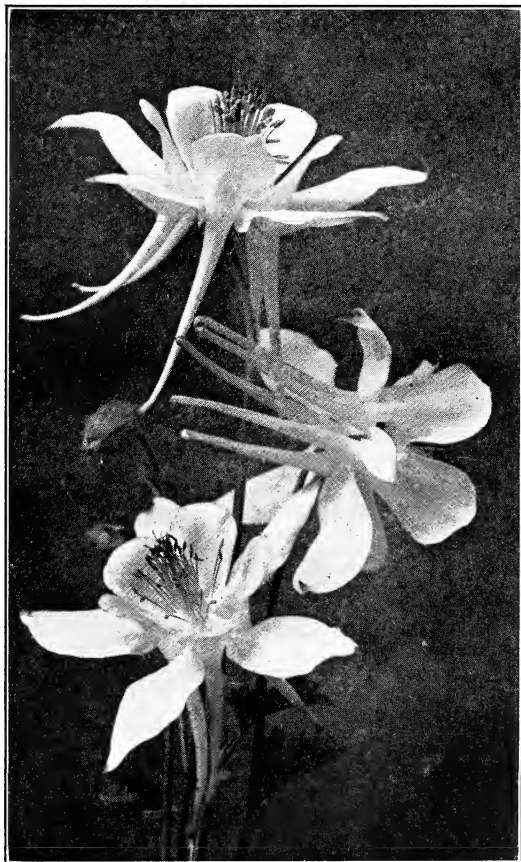
### HIBISCUS (Swamp Rose Mallow)

**Moscheutos.** Light rosy red, with a darker center

**M. Crimson Eye.** Enormous size; pure white, with a large crimson eye in the center.

### IBERIS

**Sempervirens.** Pure white; profuse bloomer.



AQUILEGIA CALIFORNICA

# TOTTY'S HARDY PERENNIALS, MADISON, NEW JERSEY

GENERAL COLLECTION OF HARDY PERENNIALS—Continued

## LIATRIS

(Blazing Star)

**Scabiosa.** Large purple spikes. 3 feet high.

## LINUM

**Perenne.** Beautiful large blue flowers; most desirable plants. 2 feet high.

**Perenne album.** White, similar to above.

## LUPINUS

**Polyphyllus.** Clear beautiful blue.

**Polyphyllus alba.** Pure white form of the above.

## LYCHNIS

**Chalcedonica.** Most desirable variety; orange scarlet. 3 feet high.

**Chalcedonica alba.** Creamy white flowers.

**Chalcedonica flore plena.** Double flowering form; wonderfully brilliant in color; vermilion-scarlet flowers.

Price: 30c. per plant, \$3.00 per doz.

## LYTHRUM

**Roseum superbum.** Rose-colored flowers on spikes 3 feet high.

**Roseum superbum, Perry's Variety.** Color much brighter than the above and flower much larger.



LUPINUS POLYPHYLLUS



LINUM PERENNE ALBUM

## Phlox Decussata

NEW AND IMPROVED TYPES

This species of Phlox commence to flower the end of July and are very popular on account of their bright and varied shades of color.

20c. per plant, \$2.00 per doz., \$15.00 per 100.

**Europa.** White variety with crimson eye; very large truss and pip.

**Gefion.** Lovely light shade of peach-blossom pink, bright rose eye; flowers and truss very large, borne on stiff stems.

**Geo. A. Strohlein.** Orange scarlet with carmine eye; a splendid variety in every way.

**Riverton Jewel.** Splendid light mauve variety with carmine eye; its handsome trusses, measuring 12 inches across, are borne on very stiff stems.

**Tragedie.** Undoubtedly the best of the crimson scarlet varieties yet introduced.

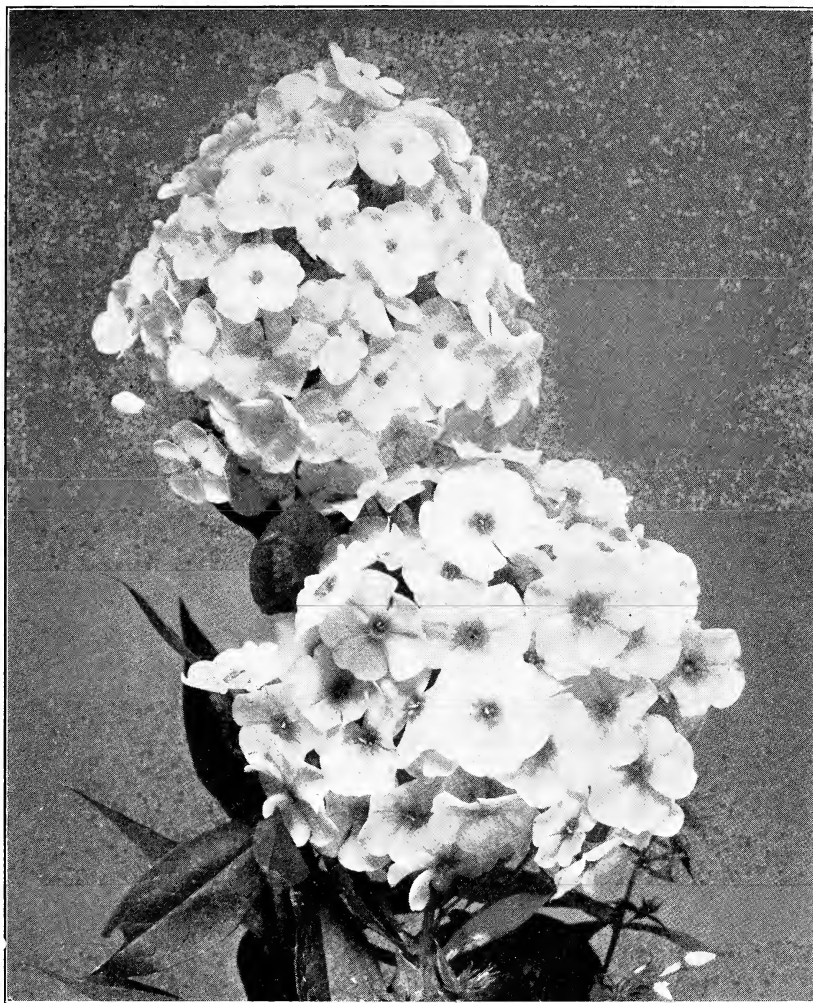
**Thor.** Lovely pink with carmine eye; very large pips and trusses.

**Wanadis.** Light violet, mottled white, with a bright purple eye.

**Widar.** Lovely violet shade, with white center.

**W. C. Egan.** A magnificent variety; a superb color of delicate heliotrope with a bright carmine eye.





HARDY PHLOXES

*PHLOX DECUSSATA—Continued*

**GENERAL COLLECTION**

Price: 15c. per plant, \$1.50 per doz., \$10.00 per 100.

**Albion.** Pure white, with a faint red eye; strong, vigorous grower.

**Antonin Mercie.** White ground, with bluish-lilac shadings on edge of petals.

**Bacchante.** Tyrian rose, with crimson-carmine eye.

**Braga.** Mauve rose, suffused salmon, with white disc.

**Bridesmaid.** Pure white, with large crimson eye.

**Champs Elysees.** Rosy magenta; very pretty.

**Diadem.** Pure white; dwarf variety.

**Eugene Danzenvillier.** Lilac, shaded white.

**Henry Marcel.** Pure red, with bright salmon shadings.

**La Vague.** Mauve, with aniline-red eye.

**Mme. Paul Dutrie.** Lilac rose; flowers very large.

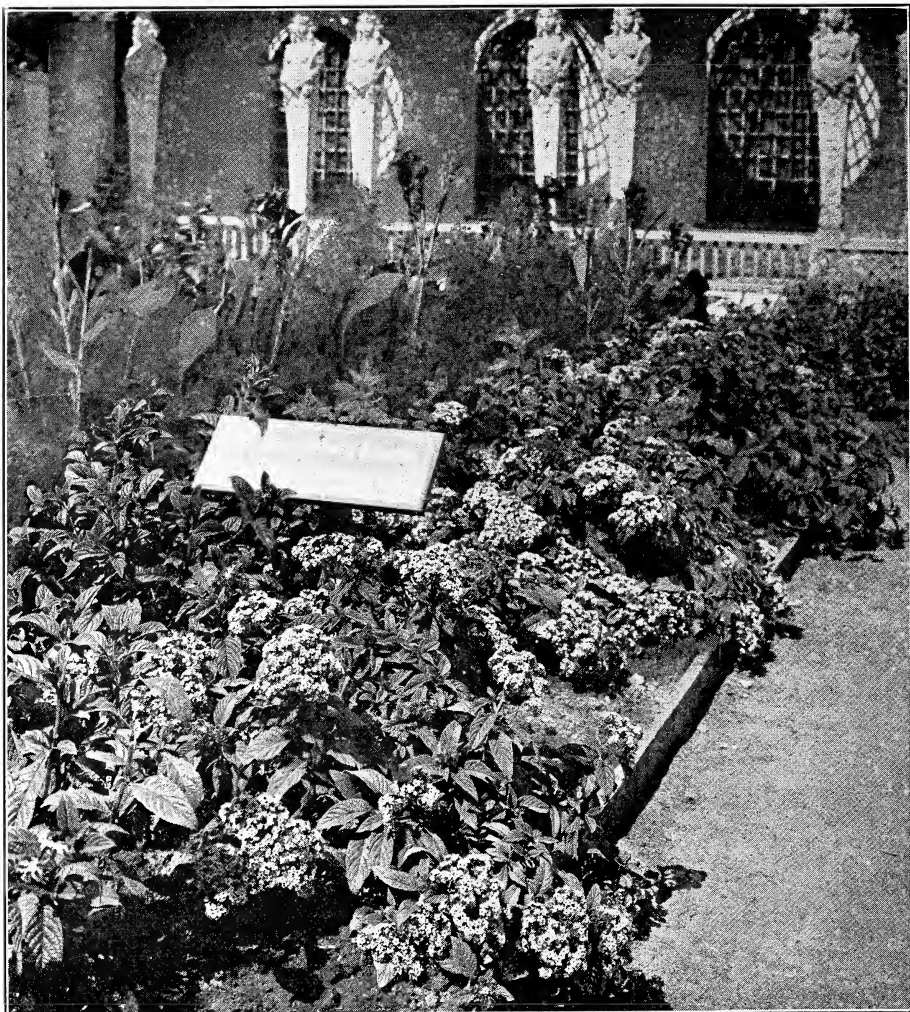
**Mozart.** Light pink, suffused deeper pink; distinct carmine eye.

**Pacha.** Deep pink, with bright red eye.

**Pierre Bayle.** Crimson carmine, with orange-scarlet shadings.

**Rheinlander.** Beautiful salmon pink, with claret-red eye. Flowers of immense size.





HELIOTROPE ELIZABETH DENNISON

## *Novelty Heliotrope Elizabeth Dennison*

We have no hesitation in saying this variety is the finest Heliotrope ever seen. For years we have considered Centefleur as being the best variety. In Elizabeth Dennison, while the flower is about the same color as Centefleur, the individual trusses are considerably larger; in fact, much larger than any Heliotrope, and in addition this variety is wonderfully fragrant; this latter is one of its strongest points. This Heliotrope attracted considerable attention at the Panama-Pacific Exposition the past year, and we have received orders from all over the country, from different people who have seen it growing outdoors in California at the Exposition. Our stock is very large and we feel sure we will be in a position to fill all orders for this remarkable variety. Elizabeth Dennison Heliotrope was awarded a Medal of Honor at Panama-Pacific Horticultural Exposition.

**Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100.**

### HELIOTROPE CENTEFLEUR

One of the finest Heliotropes ever raised; dwarf and bushy in habit, with beautiful foliage; sprays of bloom very large; color a lovely deep blue, with a conspicuous white eye.

**Price: 10c. per plant, \$1.00 per doz., \$6.00 per 100.**

### STANDARD HELIOTROPE

Fine, deep blue, bushy tops; exceptionally fragrant and attractive; height of plants 3 to 4 feet.

**Price: \$2.00 per plant.**



## Gladioli

Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100, except where otherwise noted.

**Blue Vista.** A unique variety which is quite different from any other. The blooms are good size and the color a clear, glistening snow white, with deep iris-blue markings in throat, making a combination of colors that is very beautiful. 20c. per plant, \$2.00 per doz., \$15.00 per 100.

**Charmer.** Large, broad-petaled flowers of soft mauve pink, blending off lighter in the throat, which is penciled carmine lake, with a large blotch of same color on the central lower petal.

**Cynosure.** Immense flowers of exquisite, deep rose pink, marked on the lower petals with a throat blotch of crimson lake; tall, sturdy, well-filled spikes.

**Fascinator.** Splendid, large flowers of salmon pink, tinted with flames of carmine; throat bluish, with carmine-lake pencilings; long, well-filled spike.

**Fire King.** Long, graceful spikes showing half a dozen immense blooms open at the same time. Color intense fire scarlet. More brilliant than *Brenchleyensis*, *Cardinal*, *Mrs. Francis King* or any other variety. Is perfectly grand; will become the leading cut flower variety of its color.

**Leslie.** Light, delicate pink, with rich crimson-maroon blotches, pointed white.

**Melrose.** White, flaked pink, bright crimson center. Very large and fine.

**Negerfurst.** Very dark blood black, with velvety black spots, inflamed with white and flaked lilac rose. A very odd, beautiful color; long, graceful spike and robust, free habit. Best of the dark varieties.

**Richred.** Tall and handsome spikes with good-sized flowers of good form, and a rich, deep blood-red color. 40c. per plant, \$4.00 per doz., \$30.00 per 100.

**Rose Wells.** Large, wide open blooms; light rose, clear color, with small, attractive blotch of lilac rose and yellowish green. Tall, branching spike. Very good.

**Ruby King.** Fine, compact spike, tall and graceful; flowers of great substance and of an intense, dark, ruby red, glowing with peculiar richness; very fine indeed. 40c. per plant, \$4.00 per doz., \$30.00 per 100.

**Silvretta.** Creamy white, with carmine blotches on lower petals; spike strong and tall. Blooms later than most sorts. 50c. per plant, \$5.00 per doz., \$35.00 per 100.

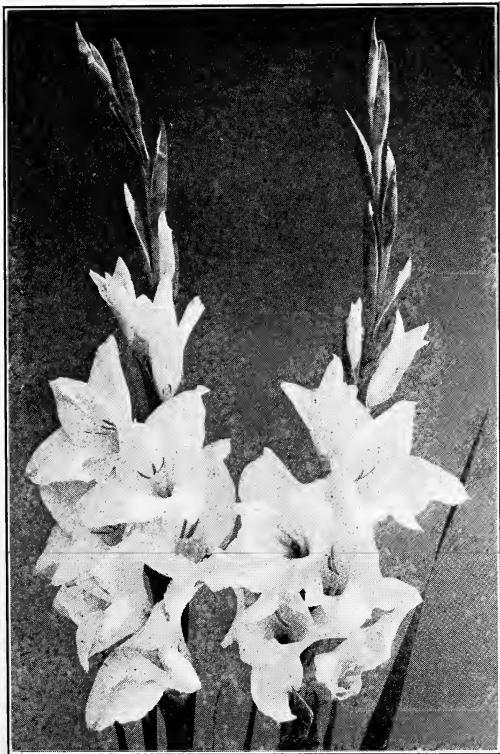
**Snow King.** A very white variety, similar in habit to *Augusta*, but remains white in all kinds of weather. A number of certificates of merit. 15c. per plant, \$1.50 per doz., \$10.00 per 100.

**Viola.** A very large *Lemoinei* type flower of exquisite mauve blue, gradually shading deeper to rich violet at the edges; throat toned soft canary with purple-garnet blotch, zoned yellow in lower petals.

**Winsome.** Great, round flowers of exquisite blush, shot and shaded with carmine pink. A conspicuous throat blotch of crimson-lake ornaments each of the lower petals; sturdy, upright spike.

## NEW "PRIMULINUS HYBRIDS"

These Hybrids range in color from pale sulphur-yellow to the deepest chrome-yellow and all the charming shades of orange, including now and then some almost white. The flowers are gracefully arranged on long, slender spikes which lend themselves to artistic decorations in a wonderful way; from a decorative standpoint they are simply exquisite. 10c. per plant, \$1.00 per doz., \$7.50 per 100.



SNOW KING



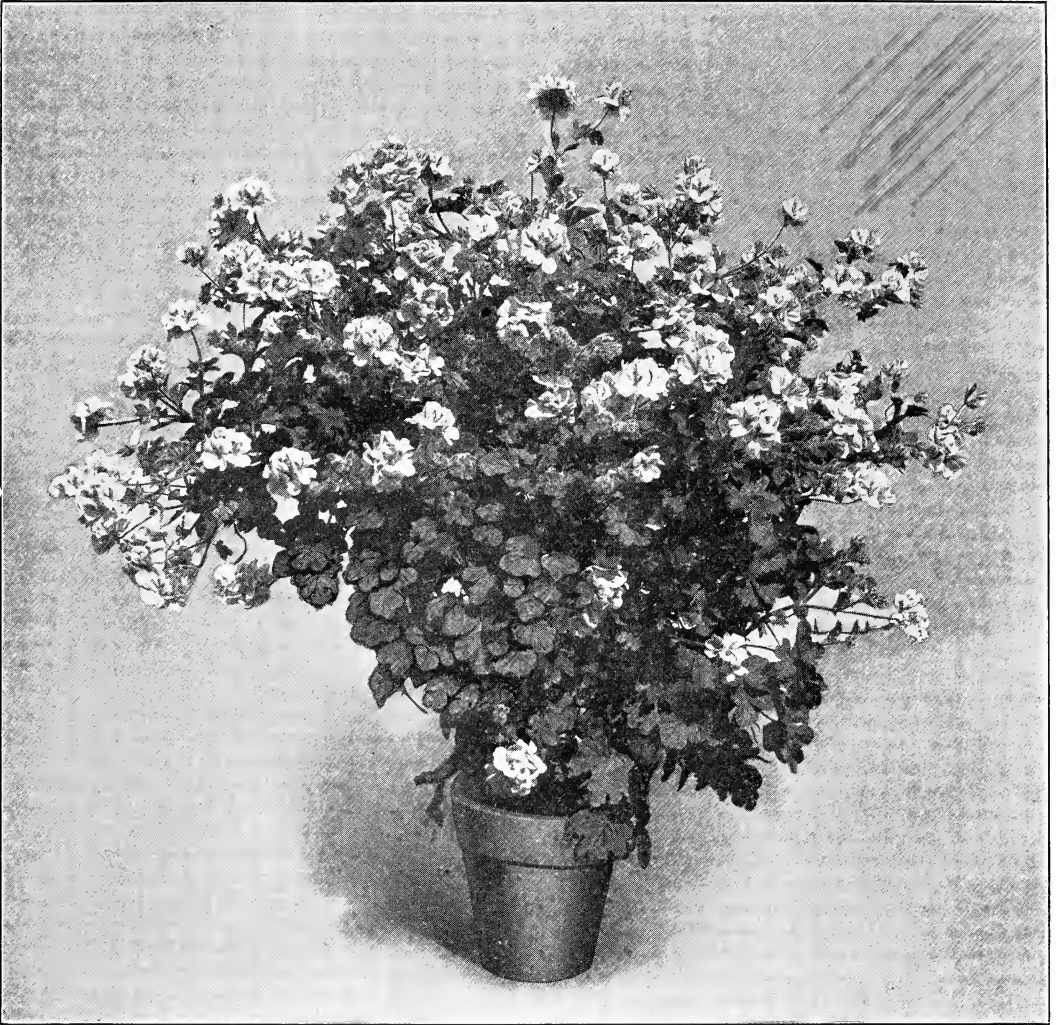
DAHLIA JULES CLOSON

***New Dahlia Jules Closon***

**Price: 20c. per plant, \$2.00 per doz., \$15.00 per 100.**

This Begonia Dahlia is simply wonderful as a dwarf bedding plant, as it does not grow over 18 inches in height and is a mass of flowers from June until November. The color is marvelously brilliant, being the brightest of scarlet, merging as the flower ages toward crimson. The flower has a very vivid golden center which accentuates the magnificent color. The foliage is very bright green and the growth is dwarf and robust and does not suffer from drought or heat.



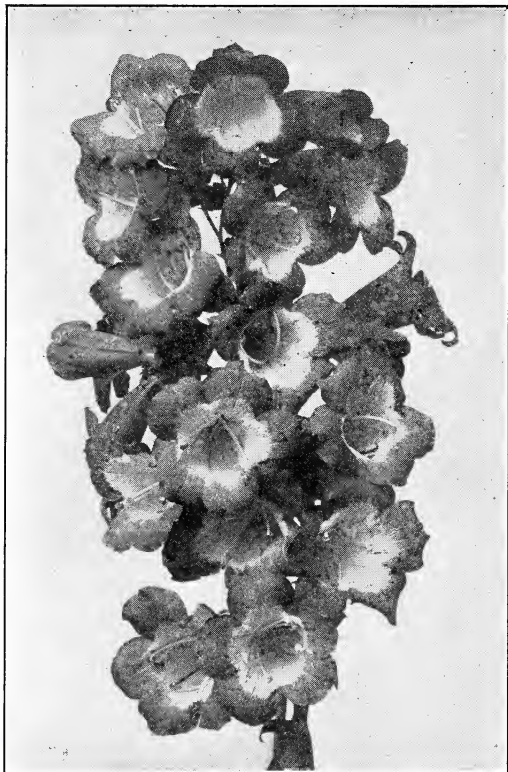


PELARGONIUM

***Pelargonium Clorinda***

**Price:** 10c. per plant, \$1.00 per doz., \$8.00 per 100.

This Pelargonium is grown very little and apparently is a stranger in our greenhouses. The color is a bright, rosy cerise and the flowers are very useful in the cut state. The deep green, healthy foliage has a most delightful fragrance when crushed in the hand. We have a good stock of this Pelargonium and we would suggest every gardener trying a few plants, as they can be grown in any position and in almost any location.



PENTSTEMON

### **PENTSTEMONS**

We send out only the best varieties in this type of plant. Our Scarlet Gem, which we distributed two years ago, made a wonderful record for itself as a summer bedding plant. We now offer unnamed varieties in assorted colors from the finest strain in the world.

**Price:** 2- $\frac{1}{4}$  in. pots, \$1.50 per doz., \$10.00 per 100.

### **SALVIA AMERICA**

We are indebted to the Department of Agriculture for this magnificent variety. It differs from other types as it is a perpetual bloomer; it can be brought in to flower for Christmas, Easter or any other desired time. It is just as free blooming as any other variety and the color is a brilliant glowing scarlet, with very bright, green foliage, making a gorgeous contrast. The constitution is particularly rugged and healthy. As an outdoor bedding plant, it will be in great demand as it is such an attractive addition to every garden.

**Price:** 30c. per plant, \$3.00 per doz., \$20.00 per 100.

## **Seeds**

**Price: 50c. per package.**

### **WELLS' EARLY FLOWERING SINGLE CHRYSANTHEMUMS**

These seeds, if sown in March in a little warmth, pricked off when large enough to handle and planted out early in May, will give a wonderful quantity of flowers in September and October, embracing all the colors known in the Chrysanthemum family. Some of the varieties will be equal to the best named sorts, and we strongly recommend this seed to be grown in every garden.

### **WELLS' "GRAND DIPLOMA" PENTSTEMONS**

This seed has been saved from the finest strain of Pentstemons in the world, flowering on spikes 2 $\frac{1}{2}$  feet high, with a flowering surface of over 18 inches. Colors range from pink, white, purple, red and variegated. Sow in February and plant out as soon as possible. Many wonderful varieties can be procured from a package of this seed.

### **DELPHINIUMS**

Seed of the best hybrid Delphiniums, finest and rarest types, and can absolutely be depended on to produce wonderful results. The seed of the dark blue varieties is from such types as Dusky Monarch, King of the Blues, Britannia, etc., Seed of the light blue kinds from such varieties as Queen Wilhelmina, Queen Alexandra, etc.; Chinense, or Blue Butterfly, a beautiful variety growing from 18 inches to 2 feet in height, with magnificent foliage, one of the most charming in the entire set of blue flowers.



SALVIA



## TOTTY'S PLANTS, MADISON, NEW JERSEY

### NEW ANTIRRHINUM NELROSE

A beautiful, silvery pink variety of this popular flower. Is continuously in bloom. Requires no disbudding and is the best pink variety for bedding outdoors. Blooms continuously all winter in the greenhouse. Won first prize at the International Flower Show, New York, April, 1913, for the best floral novelty. Plants for spring delivery only. 10c. per plant, \$1.00 per doz., \$8.00 per 100.

### FERNS

#### For Fern Dishes

Assorted Ferns in all the best varieties: *Cyrtomium falcatum*, *Pteris Mayii*, *P. cretica*, *P. albolineata*, *P. adiantoides*, etc. 2¼-in. pot plants, \$1.00 per doz., \$5.00 per 100.

### GARDENIA

#### The True Winter-flowering Type

We can supply this plant in any quantity. Spring delivery, 2½-in. plants, \$12.00 per 100; 3-in. plants, \$18.00 per 100; 4-in. plants, \$25.00 per 100.

### BUDDLEIA ASIATICA

This Buddleia differs from *Variabilis* and others of its type, in that it is not hardy and requires protection. It begins to bloom in December and continues to do so throughout the winter season, if the plants are kept growing in a warm house; it produces long spikes of the most beautiful white flowers which have a delightful lilac fragrance. \$1.25 per doz., \$10.00 per 100.



BUDDLEIA ASIATICA

## *“Chrysanthemums for the Million”*

Compiled by Charles H. Totty

Price, 25 Cents.

This booklet has been compiled from the experiences of the best growers throughout the country. It is particularly valuable for the amateur, since the growers in different States have given their ideas with regard to culture, in their own language, free from technicalities, and have stated how they handled their stock during the growing season.

This booklet will be sent as a premium to our customers, whenever requested, on orders amounting to \$5.00 or over.

It embraces the whole Chrysanthemum family, including the Pompon, the new single types and the new types of early-flowering outdoor kinds, and can be read with pleasure and profit by everyone interested in Chrysanthemum growth.

## ***Fertilizers***

We are asked many times to give to our customers, results of our practices in feeding plants. The fertilizers listed below we can absolutely guarantee, as they are what we use ourselves, and the prices are as low as possible for this grade of goods.

**"Results Speak Louder than Words."** And we have won prizes in every exhibition of importance in America; due to the use of these fertilizers.

Prices quoted are f. o. b., Chrome, N. J.; Philadelphia, Pa., and Baltimore, Md.

### **GODFREY'S SPECIAL FLORISTS' TANKAGE**

6-30

Guaranteed analysis: Nitrogen 4.94%, equal to ammonia 6.00%. Bone phosphate of lime 30.00%.

The most peculiarly adapted compound of the natural source of plant food ever offered for sale for greenhouse use. It possesses wonderful properties and promotes desired results. I highly endorse and recommend this product for Roses and general use. 167-lb. bag \$4.50, ton \$45.00.

### **GODFREY'S HIGH GRADE FLORISTS' TANKAGE**

9-15

Guaranteed analysis: Nitrogen 7.41%, equal to ammonia 9.00%. Bone phosphate of lime 15.00%.

A highly concentrated compound and extremely quick in its action. 167-lb. bag \$6.00, ton \$72.00.

### **GODFREY'S PURE BONE MEAL**

FOR GREENHOUSE USE

3-23-50

Nitrogen 2.47%, equal to ammonia 3.00%, total phosphoric acid 23.00%. Bone phosphate of lime 50.00%.

A selected, uniform, untreated product especially prepared for greenhouse use, and recommended where a slow, continuous growth is desired. 167-lb. bag \$5.00, ton \$48.00.

### **GODFREY'S DRIED GROUND BLOOD**

12%

Nitrogen 9.87%, equal to ammonia 12.00%. 167-lb. bag \$7.50, ton \$85.00.

### **GODFREY'S SULPHATE OF AMMONIA**

Guaranteed analysis: Nitrogen 20.57%, equal to ammonia 25.00%. 200-lb. bag \$10.00, ton \$80.00.

### **GODFREY'S NITRATE OF SODA**

Guaranteed analysis: Nitrogen 15.00%, equal to ammonia 18.00%. 200-lb. bag \$10.00, ton \$80.00.

### **CLAY'S FERTILIZER**

One of the best fertilizers that can be used on all stock, either for greenhouse or garden. Very productive. 56-lb. bag \$4.00, 112-lb. bag \$7.00.

### **PULVERIZED SHEEP MANURE**

Splendid for either greenhouse or garden use, in the proportion of one part sheep manure to six parts soil. Excellent results are obtained by the use of this fertilizer. 100-lb. bag \$2.00, ton \$35.00.

### **CHRYSANTHEMUM FERTILIZER**

This fertilizer, if rightly handled, is the most wonderful plant food for finishing Chrysanthemums that has ever been compounded.

The analysis is as follows:

Total nitrogen, 16 to 18. Equal to ammonia, 20 to 21. Ammonia, 16 to 17. Soluble phosphoric acid,  $P_2O_5$ , 6 to 7. Potash  $K_2O$ , 4 to 5.

This fertilizer is absolutely safe when dissolved in water in the proportion of one pound to fifty gallons of water. It may be used in conjunction with natural fertilizers, but in itself it furnishes a complete plant food for not only Chrysanthemums, but any other plants, such as Roses, that are well rooted and will stand the feeding.

Plants may be watered with this fertilizer once a week in the proportion given, and the results will amply testify to its value. Price: 7 to 10 lbs., 30c. per lb.; from 10 to 50 lbs., 25c. per lb.; from 50 to 100 lbs., 20c. per lb.

### **CARNATION AND FRUIT FERTILIZER**

Similar to the Chrysanthemum fertilizer, so far as the ingredients are concerned, but it will be noted that the percentage of nitrogen is reduced and the percentage of potash greatly increased. This is necessary because experiments have proved that the Carnation is greatly improved by a larger percentage of potash than is needed in the case of softer growing plants. This fertilizer is also wonderfully effective in raising fruits under glass. The potash and nitrogen being balanced in just the right proportion, it produces the most perfect fruits.

Every gardener in the country should try this fertilizer on his Grapes and other fruits. Price: 7 to 10 lbs., 30c. per lb.; from 10 to 50 lbs., 25c. per lb.; from 50 to 100 lbs., 20c. per lb.

Analysis: Nitrogen, 10 to 12. Equal to ammonia, 12 to 15. Ammonia, 11 to 12. Soluble phosphoric acid,  $P_2O_5$ , 6 to 7. Potash,  $K_2O$ , 10 to 12.



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## HARDY PERENNIALS:

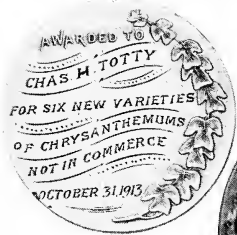
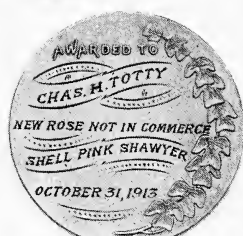
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TOTT'S STOCK  
WON THESE



# TERMS OF SALE



RICES quoted are for plants from 2¼-in. pots, unless otherwise specified. Shipments commence as early in the new year as the stock is in condition to be distributed.

Orders from unknown parties must be accompanied by cash or satisfactory references. We allow 3% discount when cash is enclosed with order; therefore it is to the customer's interest to remit the full amount when ordering.

Accounts unpaid in 60 days are subject to sight draft without further notice.

Orders from customers in foreign countries must in all cases be accompanied by cash as we cannot assume the risk for Custom delays.

**NO GUARANTEE.**—While we exercise the greatest care to keep our stock clean and true to name, we give no warranty, express or implied, on the same, and if the customer does not accept the goods on these terms, they are to be returned immediately.

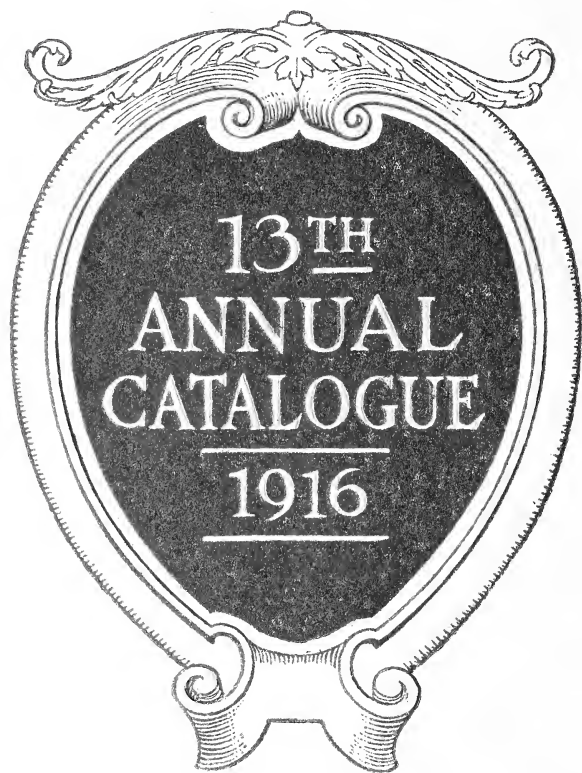
**PARCEL POST.**—Customers desiring goods sent by parcel post must include an additional sum of 15c. per dozen plants, to prepay postage. We decline to accept the responsibility for delivery of plants shipped by mail. It is always better to have the stock sent by express as this gives a means of redress should the stock not be delivered promptly, and we always endeavor to include a few plants additional to offset the express charges.

**QUALITY.**—The many letters we receive every year from customers all over the country, complimenting us on our stock, are evidence enough that the quality of our stock cannot be approached.

We guarantee all shipments to be forwarded at the special plant rate, which is 2.9% less than merchandise rates. In the absence of definite shipping instructions we always ship by the quickest and cheapest route.

**PLEASE NOTE.**—Not less than three plants of one variety will be sold at the dozen rate; nor less than twenty-five at the hundred rate. We are sometimes asked to send one hundred plants in about thirty varieties at the hundred price. We will not supply less than twenty-five of one variety at the hundred rate as it takes considerable time to select one hundred plants in twenty or thirty varieties, and we must charge for the same accordingly.

**CHARLES H. TOTTY**



CHARLES H. TOTTY  
MADISON N.J.